Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

Reserve
4420
R31

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

FEB 26 1970

CURRENT SERIAL RECORDS

ARS 33-130
January 1970

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service

CHEMICALS EVALUATED AS ATTRACTANTS FOR THE EUROPEAN CHAFER, *Amphimallon majalis* (Razoumowsky)

By H. Tashiro,[1/] M. Beroza,[2/] T. P. McGovern,[2/] and N. Green[2/]

Entomology Research Division[3/]

A chemical that is highly attractive to the adult European chafer, *Amphimallon majalis* (Razoumowsky) is needed for surveys of this destructive turf and pasture pest introduced from Europe. A mixture of Java citronella oil and eugenol (3:1 v./v.) was the most attractive lure and was used in traps prior to 1962. However, during 1957-58, butyl sorbate was found to be the most promising of 166 chemicals synthesized at Beltsville, Md., and forwarded to Geneva, N.Y., for evaluation of attractiveness to the beetles.[4/] Further experimentation during 1961 by Tashiro and others[5/] showed that butyl sorbate was slightly more attractive than the standard bait and had the additional advantage of being unattractive to the Japanese beetle, *Popillia japonica* Newman. Butyl sorbate, therefore, replaced Java citronella and eugenol as the chemical attractant used for surveys.

1/ Present affiliation is with the Department of Entomology, New York State Agricultural Experiment Station, Geneva.

2/ Chemists, Entomology Research Division, Agricultural Research Service, USDA, Beltsville, Md. 20705

3/ The efforts of the following Entomology Research Division personnel are hereby acknowledged: Mrs. E. M. Osborne, who named and listed the compounds; and G. R. Fryer, R. D. Clark, and C. Atkinson (resigned), who assisted in field evaluations of the compounds.

4/ Beroza, M., and Green, N. Materials tested as insect attractants. U. S. Dept. Agr., Agr. Handb. No. 239. 1963. 148 pp.

4

294687

We appreciate the use of facilities at the Department of Entomology, New York State Agricultural Experiment Station, Geneva.

During the summers of 1961-63, some 1,500 additional chemicals prepared at Beltsville were screened in the field near Geneva, N. Y., in a search for more attractive lures. Most solid candidate chemicals were dissolved in acetone, but those insoluble in this solvent were dissolved in ethyl alcohol, and viscous fluids were thinned with solvent. Five drops (about 0.25 g.) of each diluted chemical were evenly spaced with a medicine dropper on a 1 1/2- by 5-inch strip of filter paper stapled at both ends to a 1 3/4- by 6 3/4-inch strip of aluminum screen as described by Tashiro and others.[5/] The chemical was usually applied to each strip during the day scheduled for its exposure; the solvent was allowed to evaporate under forced draft in a chemical hood; and the strips were then kept in a sealed jar until they were taken to the field for testing.

Standard Japanese beetle traps, painted black (fig.1),[5/] were used for the trapping in an open field known to be infested with European chafer beetles. The traps were baited and hung from steel standards 5 feet high and placed at 20-foot intervals in 2 or 3 groups of 3 rows and 17 columns per group. This arrangement permitted simultaneous exposure of 16 candidate lures, plus the standard in a 3-replicate randomized block design, in each group. The entire group of test traps was surrounded by a single row of traps (barrier) placed at the same intervals.

Each evening within an hour of the start of beetle flight, test strips were dropped into the traps. Three traps were always used for the initial evaluation of each chemical. The following morning, the beetles in each trap were counted, and the attractiveness of each candidate chemical was determined by comparing the numbers captured with the candidate lure with the numbers captured with Java citronella oil and eugenol (3:1.v./v. Categories of attractiveness for the 1,502 test compounds were as follows:

Class	Relative attractiveness	No. of chemicals
1	Less attractive than standard	1,396
2	Equally as attractive as standard	86
3	More attractive than standard	20
		1,502

[5/] Tashiro, H., Gertler, S. I., Beroza, M., and Green, N. Butyl sorbate as an attractant to the European chafer. Jour Econ. Ent. 57 (2): 230-233.

Compound ENT-30512 was the most attractive chemical in its initial test; however, another sample of ENT-30512, tested on 4 other nights was not as attractive. The commercial sample of butyl sorbate (ENT-5089)[6/] was consistently as attractive as the synthesized lots tested by Tashiro and others.[7/] The search for more effective chemical attractants for the European chafer is continuing with further evaluation of the 20 Class 3 compounds.

6/ Butyl sorbate (ENT-5089) only chemical from a commercial source.

7/ See footnote 5.

Figure 1.-Standard Japanese beetle trap with aluminum screen and attached filter paper strip for dispensing lure from within perforated cylinder.

INDEX TO ENTOMOLOGY NUMBERS

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
38	1196	683	1335	2060	8	3127	585
39	793	703	897	2064	189	3136	976
40	687	736	1077	2068	164	3138	964
42	103	752	842	2069	121	3140	1251
54	63	753	586	2077	167	3141	984
66	51	754	464	2145	843	3143	850
71	1332	766	905	2173	792	3161	986
72	961	790	1144	2176	1040	3163	978
81	1065	820	991	2266	1137	3164	985
86	1157	851	463	2267	1143	3165	982
90	1286	898	174	2271	1053	3166	977
91	908	909	1317	2296	930	3167	989
93	1469	942	1089	2357	1411	3176	1202
96	562	946	567	2383	574	3213	987
104	901	949	583	2384	579	3217	983
110	824	959	500	2392	102	3225	988
111	1044	1003	376	2407	1282	3233	981
129	1276	1031	128	2425	580	3271	1171
134	1193	1062	956	2436	209	3294	12
137	590	1169	704	2444	7	3303	980
147	1212	1171	900	2446	584	3318	1135
149	419	1202	1455	2451	575	3340	112
222	528	1231	1050	2488	822	3357	501
229	91	1240	1268	2545	904	3377	993
230	107	1241	1277	2689	1324	3386	1048
262	1204	1256	1054	2710	937	3408	737
275	1038	1257	1056	2729	14	3427	1340
278	1052	1270	1460	2743	207	3431	105
309	820	1341	378	2745	415	3441	106
329	1203	1352	188	2759	211	3442	108
342	67	1358	122	2764	210	3468	110
365	564	1398	1200	2864	581	3470	111
378	1285	1454	954	2865	582	3572	1336
396	1334	1506	825	2893	1322	3573	1337
397	979	1540	962	2931	140	3582	1456
402	534	1762	1036	2936	480	3602	1272
405	532	1769	1035	2939	1012	3680	115
431	706	1801	328	2949	1146	3699	214
513	1284	1805	199	2950	927	3710	181
521	185	1811	380	2951	879	3712	215
522	1039	1851	1234	2953	975	3714	220
523	183	1853	125	2954	552	3715	270
525	192	1954	833	2971	1331	3717	1347
576	973	1966	190	3053	74	3719	1257
654	41	1971	43	3081	1452	3763	569
667	577	1973	198	3110	375	3806	1169
677	995	1996	11	3116	495	3807	1170
682	1323	2025	573	3117	1149	3808	1167

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
3811	170	5065	853	6013	1127	7037	910
3833	60	5069	80	6018	971	7043	536
3884	543	5077	81	6049	1140	7061	795
3887	1320	5084	177	6052	68	7064	694
3898	731	5085	202	6054	1321	7080	695
3916	1079	5088	1314	6065	66	7082	799
3924	994	5089	1298	6075	98	7121	959
3940	1453	5096	572	6078	195	7198	960
3955	49	5101-X	806	6082	306	7236	1010
3961	1090	5103-X	805	6083	290	7312	1105
3966	171	5508	9	6084	265	7356	909
3976	168	5514	561	6086	277	7380	27
3982	996	5517	476	6088	248	7422	1447
4094	1258	5532	471	6089	296	7482	16
4100	481	5541	845	6107	90	7498	563
4109	663	5542	846	6109	903	7499	803
4162	1094	5558	688	6120	540	7551	515
4167	1244	5563	1066	6122	966	7553	499
4202	1019	5583	809	6127	605	7554	497
4213	319	5598	1099	6138	763	7556	924
4217	1259	5613	894	6139	764	7565	1206
4219	166	5615	1184	6141	771	7570	896
4220	165	5616	1151	6147	539	7620	1087
4226	624	5617	1101	6168	1319	7701	926
4237	486	5622	601	6193	331	7776	147
4243	1438	5634	710	6220	957	7778	446
4252	565	5635	944	6229	50	7823	182
4273	1201	5639	915	6270	606	7835	1289
4327	1463	5656	1011	6287	598	7950	942
4341	823	5688	1013	6292	1000	8009	1211
4466	895	5703	1214	6300	175	8099	1470
4493	504	5713	483	6313	557	8105	948
4514	282	5734	1088	6314	1280	8352	272
4515	274	5765	127	6331	1128	8353	469
4629	556	5767	116	6351	934	8386	1246
4707	206	5775	754	6368	814	8499	711
4731	196	5777	527	6381	818	8539	1330
4801	18	5823	1091	6407	1136	8604	1355
4802	625	5831	28	6421	1273	8605	1422
4835	197	5833	22	6443	77	8608	1194
4859	1071	5853	547	6461	992	8657	1459
4860	790	5854	553	6472	774	8663	427
4987	1450	5863	898	6484	64	8666	437
5006	578	5898	1145	6485	65	8669	420
5007	356	5903	508	6498	634	8821	418
5009	1287	5916	1093	6515	716	8836	114
5010	381	5928	1078	6535	715	8864	1159
5014	835	5949	1072	6624	169	8865	1150
5029	798	5971	1278	7005	775	8916	1474
5054	1283	6002	907	7027	559	8920	39

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
8928	436	14772	899	16231	184	18303	597
8986	735	14851	1293	16311	1346	18336	693
9001	445	14931	466	16369	440	18425	857
9015	414	15191	1032	16370	421	18426	1288
9068	465	15203	324	16464	423	18437	15
9073	113	15219	456	16465	439	18542	881
9074	876	15222	212	16467	438	18596	176
9209	839	15223	213	16468	424	18693	682
9429	442	15224	310	16469	447	18697	1239
9430	434	15240	416	16470	441	18941	332
9431	428	15251	323	16471	448	18942	358
9432	429	15257	321	16472	432	18943	360
9434	422	15258	320	16473	431	18966	1249
9662	450	15261	322	16474	426	19066	355
9663	449	15287	1269	16475	430	19067	354
9666	417	15347	932	16476	435	19068	349
9903	831	15356	1186	16477	191	19069	335
10035	974	15357	877	16478	187	19070	347
11010	997	15364	921	16506	201	19071	336
11528	1275	15366	124	16517	222	19072	338
11720	487	15375	1009	16609	778	19073	339
11732	1301	15378	1055	16647	23	19075	365
11747	511	15403	1208	16927	1384	19076	353
12040	216	15414	1333	17041	96	19078	359
12133	57	15432	1457	17075	95	19079	340
12154	617	15495	318	17076	85	19086	341
13180	1104	15531	379	17077	88	19213	348
13204	933	15534	329	17078	101	19214	346
13205	707	15556	317	17079	82	19215	333
13226	789	15557	315	17080	83	19216	342
14020	444	15559	316	17107	1153	19217	350
14026	454	15625	1386	17109	1155	19218	344
14027	433	15626	1353	17148	92	19221	362
14028	425	15627	1420	17149	93	19222	363
14029	443	15715	61	17150	99	19223	364
14030	452	15717	58	17151	84	19224	357
14041	844	15724	1043	17152	89	19384	231
14055	453	15739	59	17153	86	19443	366
14056	451	15877	312	17154	87	19446	337
14057	262	15881	313	17155	94	19447	352
14188	618	15917	702	17244	100	19460	368
14191	619	15945	273	17319	568	19571	1134
14380	1083	15946	281	17636	516	19588	836
14396	73	15947	311	17970	382	19589	830
14413	821	15948	314	18008	459	19590	847
14462	990	15995	79	18142	1031	19591	655
14500	955	16052	104	18143	1030	19592	913
14645	301	16053	1041	18258	698	19593	1141
14649	275	16105	1458	18260	696	19594	689
14767	1295	16170	1325	18291	931	19597	699

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
19598	1161	20071	635	20398	1253	20798	1016
19599	1175	20072	637	20400	1264	20801	56
19600	1190	20075	640	20409	782	20802	489
19601	1195	20082	1015	20415	1215	20827	666
19602	478	20089	1227	20416	1220	20828	1002
19603	1191	20090	1228	20427	264	20829	1004
19604	703	20092	42	20428	305	20830	1003
19605	1183	20096	1022	20429	773	20831	1001
19606	925	20097	1014	20430	1226	20837	609
19607	1179	20098	1017	20434	361	20863	1230
19608	1180	20104	44	20439	772	20867	491
19609	697	20106	45	20440	788	20878	1462
19610	1074	20127	1023	20451	705	20891	1326
19650	615	20128	1018	20461	1222	20892	952
19651	611	20131	1292	20462	1221	20894	142
19652	612	20213	377	20463	1219	20896	138
19653	614	20221	718	20471	52	20897	488
19654	613	20259	75	20487	1231	20898	492
19656	621	20261	325	20489	518	20900	571
19657	629	20262	412	20493	468	20907	1213
19658	627	20265	326	20495	519	20909	1216
19660	623	20276	576	20517	46	20914	263
19663	626	20277	1021	20519	173	20915	229
19665	628	20295	345	20522	1252	20916	268
19696	620	20297	130	20524	477	20917	237
19697	1064	20303	458	20526	929	20918	261
19701	1168	20304	217	20546	1026	20919	242
19702	594	20305	455	20548	1025	20920	233
19705	1162	20314	351	20554	1341	20921	269
19794	968	20315	370	20559	467	20922	234
19908	603	20320	1069	20560	542	20923	255
20000	522	20321	1068	20569	485	20924	257
20004	521	20338	1223	20570	484	20925	230
20013	591	20344	638	20578	470	20928	224
20018	1163	20346	371	20597	622	20929	604
20020	1164	20347	374	20600	636	20935	153
20025	1172	20348	373	20604	1147	20939	151
20026	1178	20351	1020	20640	946	20940	144
20027	587	20356	607	20643	800	20941	152
20030	1176	20361	334	20661	479	20942	154
20034	520	20362	367	20662	1477	20944	781
20040	78	20371	1274	20681	129	20948	633
20048	208	20377	1243	20682	218	20952	1152
20054	1181	20382	1217	20690	131	20954	141
20056	1173	20385	462	20699	330	20962	54
20061	596	20391	1218	20700	219	20964	1342
20064	592	20393	1224	20702	1263	20967	150
20065	1174	20395	523	20731	1027	20968	158
20066	588	20396	524	20732	1028	20969	145
20070	639	20397	1067	20736	1225	20970	156

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
20971	160	21282	475	21704	205	21984	133
20972	157	21283	506	21708	742	21985	1388
20973	155	21284	509	21709	745	21986	1403
20975	162	21297	1024	21710	746	21988	1406
20977	146	21300	474	21730	744	21990	149
20984	938	21308	1279	21731	748	22002	1250
20989	55	21324	119	21734	751	22005	10
20991	851	21331-X	1106	21735	768	22217	47
20992	848	21335	457	21736	761	22280	733
21001	204	21337	1475	21744	767	22362	1240
21002	203	21343	719	21745	759	22384	235
21004	701	21344	721	21746	762	22385	221
21006	118	21345	730	21747	769	22387	223
21008	560	21350	729	21748	765	22721	599
21015	1148	21354	720	21749	770	22722	40
21016	1238	21371	1476	21750	760	22723	236
21038	1229	21374	1241	21751	766	22727	343
21040	134	21375	570	21768	1407	22730	616
21041	143	21478	728	21769	1412	22731	661
21042	1165	21480	725	21770	1408	22794	656
21054	783	21485	727	21771	1394	22796	664
21065	555	21486	722	21773	1307	22798	659
21079	139	21490	1387	21774	1306	22799	657
21101	1188	21491	1391	21775	1312	22800	660
21126	1451	21492	1415	21777	1299	22802	665
21138	1156	21530	413	21790	1261	22803	658
21154	461	21543	602	21792	1294	22804	816
21155	460	21555	482	21793	1315	22805	662
21159	472	21568	653	21794	1304	22811	807
21160	473	21613	723	21795	1296	23031	256
21180	1267	21620	717	21796	1309	23032	250
21181	940	21628	643	21797	1305	23033	226
21182	972	21629	650	21798	1300	23034	247
21183	48	21662	713	21799	1303	23035	227
21188	38	21669	738	21800	726	23036	258
21190	1266	21670	734	21841	724	23038	228
21196	1265	21672	732	21845	1302	23039	246
21207	1248	21673	736	21847	1313	23176	372
21209	902	21681	641	21867	1297	23177	369
21217	1242	21682	646	21872	1385	23215	1042
21221	161	21683	645	21892	5	23236	1158
21223	163	21684	648	21908	6	23370	19
21227	123	21685	652	21913	752	23374	21
21238	1247	21686	649	21932	503	23577	297
21250	1142	21687	644	21933	1308	23578	300
21261	120	21691	651	21938	529	23579	295
21266	126	21692	647	21971	941	23580	271
21271	505	21701	642	21973	1409	23581	278
21272	514	21702	750	21974	1410	23582	302
21273	510	21703	747	21977	531	23680	299

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
23681	293	24181	1471	26168	791	26450-X	872
23682	294	24199	538	26169-X	1132	26451-X	871
23683	284	24225	855	26170-X	1318	26460	837
23684	292	24236	893	26171	1117	26461	838
23685	285	24240	880	26176	172	26477	1049
23686	279	24283	999	26180	109	26478	1352
23687	288	24354	1245	26181	411	26486	1344
23688	276	24382	1376	26182	1448	26532	62
23689	298	24433	537	26184	1345	26533	998
23690	303	24480	692	26185	589	26534	1085
23691	291	24649	947	26200	709	26535	1082
23692	308	24694	1329	26207-X	1070	26610	920
23693	307	24708	525	26229	949	26615	1270
23694	280	24710	1037	26231	517	26619-X	882
23695	289	24736	4	26232	530	26620-X	883
23696	304	24738	2	26241-X	1316	26621-X	884
23697	283	24742-X	714	26243	1102	26622-X	890
23698	286	24748	654	26244	810	26623-X	885
23699	681	24768	712	26246-X	33	26624-X	886
23700	678	24769	526	26275	53	26625-X	887
23701	676	24890	943	26277-X	1262	26626-X	888
23702	670	24903	1100	26284	804	26627-X	889
23703	668	25021	1124	26287	953	26628-X	891
23805	677	25091	951	26291	922	26631	861
23806	674	25140	708	26292	1166	26637	860
23807	672	25147	914	26294	593	26638	859
23808	669	25180	700	26295	1177	26640	1045
23809	685	25252-X	906	26296	76	26647	854
23810	686	25253-X	923	26301	950	26649	1160
23811	667	25264	777	26303	1256	26660-X	1092
23812	675	25438	1260	26304	1236	26661-X	819
23813	683	26022	179	26313-X	1449	26662-X	1339
23814	671	26023	178	26328	1086	26663-X	1116
23815	673	26025	180	26330	632	26676-X	1207
23816	684	26037	498	26332	1209	26677-X	869
23817	680	26039	496	26353	1122	26678-X	868
23819	252	26040	1232	26364	1123	26679-X	870
23821	259	26041	1139	26365	945	26686	958
23822	225	26042	1464	26366	1126	26692	756
23823	267	26044	1033	26367	1008	26693	758
23824	241	26046	1047	26369	779	26694	757
23825	244	26057	1255	26371	1103	26695	608
23826	232	26063	1182	26373	566	26696	755
23827	251	26064-X	1108	26424	1076	26697	1233
23828	243	26067	1060	26435	1343	26699-X	1118
23829	254	26076	878	26444-X	875	26700-X	1113
23830	260	26089	826	26445-X	874	26701-X	1111
23831	249	26092-X	1075	26446-X	1107	26702-X	1112
23832	253	26107	1073	26448-X	873	26703-X	1115
24114	1210	26108-X	1271	26449-X	892	26704-X	1114

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
26705-X	1110	30098	1372	30466	1358	31123	1440
26706-X	1109	30103	1362	30501	194	31124	1434
26793	494	30104	1375	30502	969	31125	1436
26794	490	30107	1356	30504	186	31126	1425
26795	794	30108	1370	30507	841	31142	1290
26796	827	30109	1369	30508	840	31144	1084
26797	829	30110	1363	30512	832	31167	1
26798	828	30111	1364	30518	690	31185	808
26799	493	30127	1354	30576	834	31188	1395
26830	533	30128	1360	30588	193	31190	1396
26843-X	70	30129	1368	30599	691	31193	1419
26844-X	71	30133	1357	30661	743	31194	1389
26845-X	72	30134	1374	30662	739	31196	1418
26846	1185	30135	1380	30664	749	31207	1400
26847	849	30136	1379	30666	741	31223	1414
26848	856	30145	1366	30667	740	31226	1441
26849	852	30147	408	30672	1192	31229	1390
26850	595	30148	400	30680	1311	31248	137
26851	1154	30149	1367	30687	1189	31250	1187
26859	1029	30150	398	30705	200	31252	136
26904	1007	30151	386	30725-X	13	31259	135
26905	813	30152	404	30729	1454	31263	3
26906	801	30153	394	30750	911	31266	148
26907-X	817	30154	387	30889	132	31267	159
26908	1005	30155	405	30902	309	31274	796
26909	812	30156	399	30912	546	31354	912
26914	1006	30157	1382	30915	1138	31355	266
26915	811	30158	388	30920	240	31356	1444
26918	1120	30159	385	30931	287	31361	1461
26919-X	1119	30160	403	30966	507	31385	785
26921	25	30162	392	30971	780	31386	784
26922-X	26	30163	402	30975	245	31388	1402
26931	535	30183	391	30979	1096	31392	239
26933	1235	30184	393	31013	97	31453	548
26934	502	30185	395	31024	1097	31462	1472
26964	610	30186	397	31049	1098	31465	1473
30003	1467	30187	384	31050	1062	31503	1281
30029	1465	30188	389	31057	1095	31557	630
30069	1466	30189	390	31065	939	31560	631
30078	1405	30190	383	31070	928	31633	1421
30085	753	30191	396	31071	936	31634	1445
30086	1392	30192	406	31077	935	31635	1416
30088	1397	30193	407	31103	37	31643	1417
30089	1398	30194	410	31106	1432	31644	1446
30091	1468	30195	409	31107	1443	31645	1430
30093	1381	30202	1310	31108	1435	31646	1427
30094	1373	30207	1063	31109	1426	31647	1429
30095	1359	30209	401	31110	1433	31648	1424
30096	1371	30232	327	31119	1428	31649	1383
30097	1378	30323	558	31121	1423	31650	1377

ENT-	Item	ENT-	Item	ENT-	Item	ENT-	Item
31653	1361	32072	544	32421	1081	32776	1125
31654	1404	32075	550	32431	69	32781	17
31656	1401	32087	970	32466	1338	32783	554
31657	1393	32098	1058	32544	858	32809	117
31659	1413	32100	1057	32547	1080	32960	549
31669	802	32111	1442	32557	815	32961	919
31701	1131	32113	787	32584	1034	32962	917
31717	1129	32135	1350	32589	1254	32963	918
31753	916	32144	513	32613	541	32964	29
31760	1130	32146	512	32666	545	32965	1051
31798	1328	32186	24	32667	963	32966	965
31799	1327	32213	776	32675	551	32967	20
32019	786	32230	36	32677	967	32970	1291
32022	1349	32231	34	32701	679	32982	1439
32023	1351	32234	35	32702	797	32985	1437
32052	1348	32262	32	32719	1059	40269	863
32064	600	32315	30	32721	1197	40270	864
32065	1237	32319	31	32743	1061	40271	866
32066	1431	32383	1205	32750	1198	40272	867
32067	1399	32392	1046	32755	1199	40273	865
32068	1365	32399	1133	32774	1121	40274	862
32069	238						

TABLE 1.--Relative effectiveness of materials field-tested as attractants for the European chafer beetle

Item No.	Entomology No. (ENT-)	Material	Class
1	31167	Acetaldehyde	1
2	24738	Acetaldehyde, allyl 2-ethylhexyl acetal	1
3	31263	Acetaldehyde, butyl alpha-ethylpiperonyl acetal	1
4	24736	Acetaldehyde, 3,7-dimethyl-2,6-octadienyl ethyl acetal, trans-	1
5	21892	Acetaldehyde, ethyl phenyl acetal	1
6	21908	Acetaldehyde, isobutyl phenyl acetal	3
7	2444	Acetaldehyde, phenyl-, dimethyl acetal	1
8	2060	Acetamide	1
9	5508	Acetamide, N,N-diisopentyl-	1
10	22005	Acetamide, N-(alpha-methylbenzyl)-	1
11	1996	Acetic acid, benzyl ester	1
12	3294	Acetic acid, cyclohexyl ester	1
13	30725-X	Acetic acid, isooctyl ester (a mixture of octyl isomers)	1
14	2729	Acetic acid, pentyl ester	1
15	18437	Acetic acid, vinyl ester	1
16	7482	Acetic acid, bromo-, tetrahydrofurfuryl ester	1
17	32781	Acetic acid, bromo-, 1,3,3-trimethyl-2-norbornyl ester	1
18	4801	Acetic acid, (p-tert-butylphenoxy)-, methyl ester	1
19	23370	Acetic acid, chloro-, 4-allyl-2-methoxyphenyl ester	1
20	32967	Acetic acid, chloro-, 2,4-hexadienyl ester	1
21	23374	Acetic acid, chloro-, 2-methoxy-4-propenylphenyl ester	1
22	5833	Acetic acid, (p-chlorobenzoyl)-, ethyl ester	1
23	16647	Acetic acid, (o-chlorophenoxy)-	1
24	32186	Acetic acid, (p-chlorophenoxy)-, ester with 3-hydroxy-3-methyl-2-butanone	1
25	26921	Acetic acid, cyano-, decyl ester	2
26	26922-X	Acetic acid, cyano-, decyl ester (a mixture of decyl isomers)	1
27	7380	Acetic acid, cyano-, 2-ethylhexyl ester	1
28	5831	Acetic acid, cyanophenyl-, ethyl ester	1
29	32964	Acetic acid, dichloro-, 2,4-hexadienyl ester	1
30	32315	Acetic acid, (3,4-dimethoxyphenyl)-, allyl ester	1
31	32319	Acetic acid, (3,4-dimethoxyphenyl)-, benzyl ester	1
32	32262	Acetic acid, (3,4-dimethoxyphenyl)-, butyl ester	1
33	26246-X	Acetic acid, mercapto-, ammonium salt (66-percent aqueous solution)	1
34	32231	Acetic acid, (p-methoxyphenoxy)-, allyl ester	1
35	32234	Acetic acid, (p-methoxyphenoxy)-, benzyl ester	1
36	32230	Acetic acid, (p-methoxyphenoxy)-, isopropyl ester	1
37	31103	Acetic acid, (p-methoxyphenyl)-, isobutyl ester	1
38	21188	Acetic acid, phenoxy-, (tetrahydropyran-2-yl)methyl ester	1
39	8920	Acetic acid, phenyl-	1
40	22722	Acetic acid, phenyl-, cyclopentyl ester	1
41	654	Acetic acid, phenyl-, ethyl ester	1
42	20092	Acetic acid, phenyl-, 1-ethylpentyl ester	1
43	1971	Acetic acid, phenyl-, methyl ester	1
44	20104	Acetic acid, phenyl-, 2-methylpentyl ester	2
45	20106	Acetic acid, phenyl-, phenethyl ester	1
46	20517	Acetic acid, phenyl-, piperonyl ester	2
47	22217	Acetic acid, phenyl-, propyl ester	2
48	21183	Acetic acid, phenyl-, (tetrahydropyran-2-yl)methyl ester	1
49	3955	Acetic acid, trichloro-, isobornyl ester	1
50	6229	Acetoacetic acid, benzyl ester	1
51	66	Acetoacetic acid, ethyl ester	1
52	20471	Acetoacetic acid, 4-phenyl-, ethyl ester	1
53	26275	Acetone, dimethyl acetal	1
54	20962	Acetonitrile, [2-allyl-4,5-(methylenedioxy)phenyl]-	1
55	20989	Acetonitrile, [4,5-(methylenedioxy)-2-propenylphenyl]-	1
56	20801	Acetophenone, 2',4'-dimethyl-	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
57	12133	Acetophenone, 4'-hydroxy-	1
58	15717	Acrylic acid	1
59	15739	Acrylic acid, butyl ester	1
60	3833	Acrylic acid, 2-ethylhexyl ester	1
61	15715	Acrylic acid, methyl ester	1
62	26532	Acrylic acid, 5-norbornen-2-ylmethyl ester	1
63	54	Acrylonitrile	1
64	6484	Adipamic acid, N,N-diisopropyl-, methyl ester	1
65	6485	Adipamic acid, N,N-dipropyl-, methyl ester	1
66	6065	Adipic acid, diallyl ester	1
67	342	Adipic acid, diethyl ester	1
68	6052	Adipic acid, dipropyl ester	1
69	32431	Adipic acid, di-2-propynyl ester	1
70	26843-X	Adogen 551, a mixture of tall oil amines	1
71	26844-X	Adogen 560, a mixture of coco amines	1
72	26845-X	Adogen 570, a mixture of tallow amines	1
73	14396	Aluminum isopropoxide	1
74	3053	Aniline	1
75	20259	Aniline, N,N-dimethyl-p-(2-nitrovinyl)-	1
76	26296	Aniline, o-ethyl-	1
77	6443	p-Anisaldehyde, diethyl acetal	1
78	20040	o-Anisic acid, allyl ester	1
79	15995	o-Anisic acid, butyl ester	1
80	5069	o-Anisic acid, cyclohexyl ester	1
81	5077	o-Anisic acid, alpha-carboxy-, diethyl ester	1
82	17079	p-Anisic acid, o-bromophenyl ester	1
83	17080	p-Anisic acid, p-bromophenyl ester	1
84	17151	p-Anisic acid, p-tert-butylphenyl ester	1
85	17076	p-Anisic acid, o-chlorophenyl ester	1
86	17153	p-Anisic acid, cyclohexyl ester	1
87	17154	p-Anisic acid, o-cyclohexylphenyl ester	1
88	17077	p-Anisic acid, 2,4-dichlorophenyl ester	1
89	17152	p-Anisic acid, p-ethylphenyl ester	1
90	6107	p-Anisic acid, isobutyl ester	1
91	229	p-Anisic acid, methyl ester	1
92	17148	p-Anisic acid, p-nitrophenyl ester	1
93	17149	p-Anisic acid, pentachlorophenyl ester	1
94	17155	p-Anisic acid, phenethyl ester	1
95	17075	p-Anisic acid, phenyl ester	1
96	17041	p-Anisic acid, 2-phenylhydrazide	1
97	31013	p-Anisic acid, piperonyl ester	1
98	6075	p-Anisic acid, propyl ester	1
99	17150	p-Anisic acid, m-tolyl ester	1
100	17244	p-Anisic acid, 2,4,6-tribromophenyl ester	1
101	17078	p-Anisic acid, 2,4,6-trichlorophenyl ester	1
102	2392	p-Anisidine	1
103	42	Anisole	1
104	16052	Anisole, p-allyl-	1
105	3431	Anisole, 2-isopropyl-5-methyl-	1
106	3441	Anisole, 5-isopropyl-2-methyl-	1
107	230	Anisole, o-nitro-	1
108	3442	Anthranilic acid, butyl ester	1
109	26180	Anthranilic acid, ester with ethyl lactate	1
110	3468	Anthranilic acid, hexyl ester	1
111	3470	Anthranilic acid, isopentyl ester	3
112	3340	Anthranilic acid, N-methyl-, methyl ester	1
113	9073	Anthraquinone	1
114	8836	Benzaldehyde, phenylhydrazone	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
115	3680	Benzaldehyde, semicarbazone	1
116	5767	Benzaldehyde, o-(allyloxy)-	1
117	32809	Benzaldehyde, 2-(allyloxy)-5-bromo-	1
118	21006	Benzaldehyde, 2-(allyloxy)-3-ethoxy-	1
119	21324	Benzaldehyde, 2-(allyloxy)-3-methoxy-	1
120	21261	Benzaldehyde, 4-(allyloxy)-3-methoxy-	1
121	2069	Benzaldehyde, 3,4-diethoxy-	1
122	1358	Benzaldehyde, o-ethoxy-	1
123	21227	Benzaldehyde, 3-ethoxy-2-methoxy-	1
124	15366	Benzaldehyde, p-hydroxy-	1
125	1853	Benzaldehyde, p-isopropyl-	1
126	21266	Benzaldehyde, 3-methoxy-4-propoxy-	1
127	5765	Benzaldehyde, o-[(2-methylallyl)oxy]-	1
128	1031	Benzamide	1
129	20681	Benzamide, N,p-di-tert-butyl-	1
130	20297	Benzamide, o-ethoxy-N,N-diethyl-	1
131	20690	Benzamide, N,N,o-triethyl-	1
132	30889	Benzanilide, 2'-hydroxy-, benzoate	1
133	21984	Benzene, 2-allyl-1,4-dimethoxy-	1
134	21040	Benzene, 4-allyl-1,2-dimethoxy-	1
135	31259	Benzene, 1-allyl-2-isopropoxy-4,5-(methylenedioxy)-	1
136	31252	Benzene, 1-allyl-4,5-(methylenedioxy)-2-propoxy-	1
137	31248	Benzene, 1-allyl-4,5-(methylenedioxy)-2-(2-propynyloxy)-	1
138	20896	Benzene, 1-(allyloxy)-4-methoxy-	1
139	21079	Benzene, 4-(allyloxy)-1,2-(methylenedioxy)-	1
140	2931	Benzene, 1-(benzyloxy)-2-methoxy-4-propenyl-	1
141	20954	Benzene, 1-(2-butenyl)-2-(2-butenyloxy)-4-methoxy-	1
142	20894	Benzene, 4-(1-butenyl)-1,2-(methylenedioxy)-	1
143	21041	Benzene, 1-(2-butenyloxy)-4-methoxy-	1
144	20940	Benzene, 1-butoxy-2-methoxy-	1
145	20969	Benzene, 1-butoxy-2-methoxy-4-propenyl-	1
146	20977	Benzene, 1-butoxy-2-methoxy-4-propyl-	1
147	7776	Benzene, chloro-	1
148	31266	Benzene, 1,2-dimethoxy-3-(2-methylallyl)-	1
149	21990	Benzene, 1,4-dimethoxy-2-(2-methylallyl)-	1
150	20967	Benzene, 1,2-dimethoxy-4-propenyl-	1
151	20939	Benzene, 1,2-dimethoxy-4-propyl-	1
152	20941	Benzene, o-dipropoxy-	2
153	20935	Benzene, 1-ethoxy-2-methoxy-	1
154	20942	Benzene, 1-ethoxy-2-methoxy-4-propyl-	1
155	20973	Benzene, 1-(heptyloxy)-2-methoxy-4-propenyl-	1
156	20970	Benzene, 1-isobutoxy-2-methoxy-4-propenyl-	2
157	20972	Benzene, 1-(isopentyloxy)-2-methoxy-4-propenyl-	1
158	20968	Benzene, 1-isopropoxy-2-methoxy-4-propenyl-	1
159	31267	Benzene, 1-isopropoxy-2-(2-methylallyl)-4,5-(methylenedioxy)-	1
160	20971	Benzene, 2-methoxy-1-(pentyloxy)-4-propenyl-	1
161	21221	Benzene, 2-methoxy-4-propenyl-1-(2-propynyloxy)-	1
162	20975	Benzene, 2-methoxy-1-propoxy-4-propyl-	1
163	21223	Benzene, 1-methoxy-2-(2-propynyloxy)-	1
164	2068	Benzene, 1,2-(methylenedioxy)-4-propenyl-	1
165	4220	Benzene, pentaethyl-	1
166	4219	Benzene, 1,3,5-triethyl-	1
167	2077	Benzene, 1,2,3-trimethoxy-	1
168	3976	Benzene, 1,2,4-trimethyl-	1
169	6624	Benzenesulfonic acid, methyl ester	1
170	3811	Benzenesulfonic acid, phenyl ester	1
171	3966	Benzenesulfonic acid, hydroxy-, zinc salt	1
172	26176	Benzenethiol, p-tert-butyl-	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
173	20519	Benzhydrol, 4-chloro-, acetate	1
174	898	Benzil	1
175	6300	Benzilic acid	1
176	18596	Benzilic acid, 4,4'-dichloro-, ethyl ester	1
177	5084	1,4-Benzodioxan	1
178	26023	1,4-Benzodioxan, 2-(chloromethyl)-	1
179	26022	1,4-Benzodioxan-2-carboxylic acid, ethyl ester	2
180	26025	1,4-Benzodioxan-2-carboxylic acid, isobutyl ester	3
181	3710	Benzoic acid	1
182	7823	Benzoic acid, allyl ester	1
183	523	Benzoic acid, benzyl ester	1
184	16231	Benzoic acid, benzylidenehydrazide	2
185	521	Benzoic acid, butyl ester	1
186	30504	Benzoic acid, sec-butyl ester	1
187	16478	Benzoic acid, cinnamylidenehydrazide	1
188	1352	Benzoic acid, ethyl ester	1
189	2064	Benzoic acid, hexyl ester	2
190	1966	Benzoic acid, isopentyl ester	1
191	16477	Benzoic acid, (alpha-methylbenzylidene)hydrazide	1
192	525	Benzoic acid, methyl ester	1
193	30588	Benzoic acid, nonyl ester	1
194	30501	Benzoic acid, octyl ester	3
195	6078	Benzoic acid, tert-pentyl ester	1
196	4731	Benzoic acid, phenyl ester	1
197	4835	Benzoic acid, 2-phenylhydrazide	1
198	1973	Benzoic acid, propyl ester	1
199	1805	Benzoic acid, p-tolyl ester	1
200	30705	Benzoic acid, undecyl ester	1
201	16506	Benzoic acid, p-acetamido-	1
202	5085	Benzoic acid, o-acetyl-, methyl ester	1
203	21002	Benzoic acid, 3-allyl-2-ethoxy-, methyl ester	1
204	21001	Benzoic acid, o-(allyloxy)-, methyl ester	1
205	21704	Benzoic acid, p-(allyloxy)-, methyl ester	1
206	4707	Benzoic acid, m-amino-	1
207	2743	Benzoic acid, m-amino-, ethyl ester	1
208	20048	Benzoic acid, m-amino-, isopropyl ester	1
209	2436	Benzoic acid, p-amino-	1
210	2764	Benzoic acid, p-amino-, isobutyl ester	1
211	2759	Benzoic acid, p-amino-, propyl ester	1
212	15222	Benzoic acid, o-benzoyl-	1
213	15223	Benzoic acid, 2-benzoyl-4-bromo-	1
214	3699	Benzoic acid, o-bromo-	1
215	3712	Benzoic acid, 2-bromo-3-nitro-	1
216	12040	Benzoic acid, p-butoxy-	1
217	20304	Benzoic acid, p-butoxy-, butyl ester	2
218	20682	Benzoic acid, p-tert-butyl-, ethyl ester	1
219	20700	Benzoic acid, p-tert-butyl-, propyl ester	1
220	3714	Benzoic acid, o-chloro-	1
221	22385	Benzoic acid, o-chloro-, allyl ester	1
222	16517	Benzoic acid, o-chloro-, benzyl ester	1
223	22387	Benzoic acid, o-chloro-, 2-bromoethyl ester	1
224	20928	Benzoic acid, o-chloro-, p-bromophenyl ester	1
225	23822	Benzoic acid, o-chloro-, 2-butoxyethyl ester	1
226	23033	Benzoic acid, o-chloro-, butyl ester	1
227	23035	Benzoic acid, o-chloro-, sec-butyl ester	1
228	23038	Benzoic acid, o-chloro-, tert-butyl ester	1
229	20915	Benzoic acid, o-chloro-, 2-butyloctyl ester	1
230	20925	Benzoic acid, o-chloro-, p-chlorobenzyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
231	19384	Benzoic acid, o-chloro-, 2-chloroethyl ester	1
232	23826	Benzoic acid, o-chloro-, 2-chloro-1-methylethyl ester	1
233	20920	Benzoic acid, o-chloro-, o-chlorophenyl ester	1
234	20922	Benzoic acid, o-chloro-, p-chlorophenyl ester	1
235	22384	Benzoic acid, o-chloro-, cyclohexyl ester	1
236	22723	Benzoic acid, o-chloro-, cyclopentyl ester	1
237	20917	Benzoic acid, o-chloro-, decyl ester	1
238	32069	Benzoic acid, o-chloro-, 2,3-dibromopropyl ester	1
239	31392	Benzoic acid, o-chloro-, [2,2-dimethyl-3-(2-methylpropenyl)cyclopropyl]methyl ester	1
240	30920	Benzoic acid, o-chloro-, 2,2-dimethylpentyl ester	1
241	23824	Benzoic acid, o-chloro-, 2-ethylbutyl ester	1
242	20919	Benzoic acid, o-chloro-, ethylene ester	1
243	23828	Benzoic acid, o-chloro-, 4-ethyl-1-methyloctyl ester	1
244	23825	Benzoic acid, o-chloro-, 1-ethylpentyl ester	1
245	30975	Benzoic acid, o-chloro-, heptyl ester	1
246	23039	Benzoic acid, o-chloro-, hexyl ester	1
247	23034	Benzoic acid, o-chloro-, isobutyl ester	1
248	6088	Benzoic acid, o-chloro-, isopentyl ester	1
249	23831	Benzoic acid, o-chloro-, 4-isopropylcyclohexyl ester	1
250	23032	Benzoic acid, o-chloro-, isopropyl ester	1
251	23827	Benzoic acid, o-chloro-, 2-(2-methoxyethoxy)ethyl ester	1
252	23819	Benzoic acid, o-chloro-, 2-methoxyethyl ester	1
253	23832	Benzoic acid, o-chloro-, 2-methoxy-1-methylethyl ester	1
254	23829	Benzoic acid, o-chloro-, 2-methylcyclohexyl ester	1
255	20923	Benzoic acid, o-chloro-, 4-methylcyclohexyl ester	1
256	23031	Benzoic acid, o-chloro-, methyl ester	1
257	20924	Benzoic acid, o-chloro-, 2-methylpentyl ester	1
258	23036	Benzoic acid, o-chloro-, pentyl ester	1
259	23821	Benzoic acid, o-chloro-, phenethyl ester	1
260	23830	Benzoic acid, o-chloro-, 2-phenoxyethyl ester	1
261	20918	Benzoic acid, o-chloro-, phenyl ester	1
262	14057	Benzoic acid, o-chloro-, 2-phenylhydrazide	1
263	20914	Benzoic acid, o-chloro-, 3-phenylpropyl ester	1
264	20427	Benzoic acid, o-chloro-, piperonyl ester	1
265	6084	Benzoic acid, o-chloro-, propyl ester	1
266	31355	Benzoic acid, o-chloro-, 2-propylheptyl ester	1
267	23823	Benzoic acid, o-chloro-, tetrahydrofurfuryl ester	1
268	20916	Benzoic acid, o-chloro-, o-tolyl ester	1
269	20921	Benzoic acid, o-chloro-, p-tolyl ester	1
270	3715	Benzoic acid, p-chloro-	1
271	23580	Benzoic acid, p-chloro-, allyl ester	1
272	8352	Benzoic acid, p-chloro-, benzyl ester	1
273	15945	Benzoic acid, p-chloro-, 2,2-bis(chloromethyl)trimethylene ester	1
274	4515	Benzoic acid, p-chloro-, 2-bromoethyl ester	1
275	14649	Benzoic acid, p-chloro-, 2-(2-butoxyethoxy)ethyl ester	1
276	23688	Benzoic acid, p-chloro-, 2-butoxyethyl ester	1
277	6086	Benzoic acid, p-chloro-, butyl ester	3
278	23581	Benzoic acid, p-chloro-, sec-butyl ester	1
279	23686	Benzoic acid, p-chloro-, tert-butyl ester	1
280	23694	Benzoic acid, p-chloro-, 2-butyloctyl ester	1
281	15946	Benzoic acid, p-chloro-, 3-chloro-2,2-bis(chloromethyl)propyl ester	2
282	4514	Benzoic acid, p-chloro-, 2-chloroethyl ester	1
283	23697	Benzoic acid, p-chloro-, 2-chloro-1-methylethyl ester	1
284	23683	Benzoic acid, p-chloro-, cyclohexyl ester	1
285	23685	Benzoic acid, p-chloro-, cyclopentyl ester	1
286	23698	Benzoic acid, p-chloro-, decyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
287	30931	Benzoic acid, p-chloro-, 2,2-dimethylpentyl ester	1
288	23687	Benzoic acid, p-chloro-, 2-ethoxyethyl ester	1
289	23695	Benzoic acid, p-chloro-, 2-ethylbutyl ester	1
290	6083	Benzoic acid, p-chloro-, ethyl ester	2
291	23691	Benzoic acid, p-chloro-, 4-ethyl-1-methyloctyl ester	1
292	23684	Benzoic acid, p-chloro-, 1-ethylpentyl ester	1
293	23681	Benzoic acid, p-chloro-, 1-ethylpropyl ester	1
294	23682	Benzoic acid, p-chloro-, hexyl ester	2
295	23579	Benzoic acid, p-chloro-, isobutyl ester	1
296	6089	Benzoic acid, p-chloro-, isopentyl ester	3
297	23577	Benzoic acid, p-chloro-, isopropyl ester	1
298	23689	Benzoic acid, p-chloro-, 2-(2-methoxyethoxy)ethyl ester	1
299	23680	Benzoic acid, p-chloro-, 2-methoxyethyl ester	1
300	23578	Benzoic acid, p-chloro-, methyl ester	1
301	14645	Benzoic acid, p-chloro-, pentachlorophenyl ester	1
302	23582	Benzoic acid, p-chloro-, pentyl ester	1
303	23690	Benzoic acid, p-chloro-, phenethyl ester	1
304	23696	Benzoic acid, p-chloro-, 2-phenoxyethyl ester	1
305	20428	Benzoic acid, p-chloro-, piperonyl ester	1
306	6082	Benzoic acid, p-chloro-, propyl ester	2
307	23693	Benzoic acid, p-chloro-, 2-propynyl ester	1
308	23692	Benzoic acid, p-chloro-, tetrahydrofurfuryl ester	1
309	30902	Benzoic acid, p-chloro-, undecyl ester	1
310	15224	Benzoic acid, o-(p-chlorobenzoyl)-	1
311	15947	Benzoic acid, 2,4-dichloro-, 2,2-bis(chloromethyl)trimethylene ester	3
312	15877	Benzoic acid, 2,4-dichloro-, p-bromophenyl ester	1
313	15881	Benzoic acid, 2,4-dichloro-, 4-tert-butyl-2-chlorophenyl ester	1
314	15948	Benzoic acid, 2,4-dichloro-, 3-chloro-2,2-bis(chloromethyl)propyl ester	1
315	15557	Benzoic acid, 2,4-dichloro-, o-chlorophenyl ester	1
316	15559	Benzoic acid, 2,4-dichloro-, o-nitrophenyl ester	1
317	15556	Benzoic acid, 2,4-dichloro-, pentachlorophenyl ester	1
318	15495	Benzoic acid, 2,4-dichloro-, 2-phenylhydrazide	1
319	4213	Benzoic acid, 3,4-dichloro-	1
320	15258	Benzoic acid, 3,4-dichloro-, o-chlorophenyl ester	1
321	15257	Benzoic acid, 3,4-dichloro-, isopropyl ester	2
322	15261	Benzoic acid, 3,4-dichloro-, o-nitrophenyl ester	1
323	15251	Benzoic acid, 3,4-dichloro-, pentachlorophenyl ester	2
324	15203	Benzoic acid, 3,4-dichloro-, 2-phenylhydrazide	1
325	20261	Benzoic acid, m-[(2,4-dihydroxybenzylidene)amino]-	1
326	20265	Benzoic acid, p-[(2,4-dihydroxybenzylidene)amino]-	1
327	30232	Benzoic acid, 2,4-dimethoxy-, methyl ester	1
328	1801	Benzoic acid, 3,5-dinitro-	1
329	15534	Benzoic acid, 2,2'-dithiodi-	2
330	20699	Benzoic acid, m-ethoxy-, ethyl ester	1
331	6193	Benzoic acid, o-ethoxy-	1
332	18941	Benzoic acid, o-ethoxy-, benzyl ester	1
333	19215	Benzoic acid, o-ethoxy-, 2-bromoethyl ester	1
334	20361	Benzoic acid, o-ethoxy-, 2-(2-butoxyethoxy)ethyl ester	1
335	19069	Benzoic acid, o-ethoxy-, sec-butyl ester	1
336	19071	Benzoic acid, o-ethoxy-, 2-butyloctyl ester	1
337	19446	Benzoic acid, o-ethoxy-, p-tert-butylphenyl ester	1
338	19072	Benzoic acid, o-ethoxy-, 2-chloroethyl ester	1
339	19073	Benzoic acid, o-ethoxy-, 2-chloro-1-methylethyl ester	1
340	19079	Benzoic acid, o-ethoxy-, o-chlorophenyl ester	1
341	19086	Benzoic acid, o-ethoxy-, p-chlorophenyl ester	1
342	19216	Benzoic acid, o-ethoxy-, 2-cyclohexylethyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
343	22727	Benzoic acid, o-ethoxy-, cyclopentyl ester	1
344	19218	Benzoic acid, o-ethoxy-, 2,4-dichlorophenyl ester	1
345	20295	Benzoic acid, o-ethoxy-, ethyl ester	1
346	19214	Benzoic acid, o-ethoxy-, 1-ethylpentyl ester	1
347	19070	Benzoic acid, o-ethoxy-, 1-ethylpropyl ester	1
348	19213	Benzoic acid, o-ethoxy-, heptyl ester	1
349	19068	Benzoic acid, o-ethoxy-, isobutyl ester	1
350	19217	Benzoic acid, o-ethoxy-, isopentyl ester	1
351	20314	Benzoic acid, o-ethoxy-, isopropyl ester	1
352	19447	Benzoic acid, o-ethoxy-, 4-isopropylcyclohexyl ester	1
353	19076	Benzoic acid, o-ethoxy-, p-methoxybenzyl ester	1
354	19067	Benzoic acid, o-ethoxy-, 2-methylcyclohexyl ester	1
355	19066	Benzoic acid, o-ethoxy-, 4-methylcyclohexyl ester	1
356	5007	Benzoic acid, o-ethoxy-, methyl ester	1
357	19224	Benzoic acid, o-ethoxy-, 1-naphthyl ester	2
358	18942	Benzoic acid, o-ethoxy-, phenethyl ester	1
359	19078	Benzoic acid, o-ethoxy-, phenyl ester	1
360	18943	Benzoic acid, o-ethoxy-, 3-phenylpropyl ester	1
361	20434	Benzoic acid, o-ethoxy-, piperonyl ester	1
362	19221	Benzoic acid, o-ethoxy-, m-tolyl ester	1
363	19222	Benzoic acid, o-ethoxy-, o-tolyl ester	1
364	19223	Benzoic acid, o-ethoxy-, p-tolyl ester	1
365	19075	Benzoic acid, o-ethoxy-, 2,2,2-trichloroethyl ester	1
366	19443	Benzoic acid, o-ethoxy-, 2,4,5-trichlorophenyl ester	1
367	20362	Benzoic acid, p-ethoxy-, allyl ester	1
368	19460	Benzoic acid, p-ethoxy-, benzyl ester	1
369	23177	Benzoic acid, p-ethoxy-, 2-chloroethyl ester	1
370	20315	Benzoic acid, p-ethoxy-, ethyl ester	1
371	20346	Benzoic acid, p-ethoxy-, isopropyl ester	1
372	23176	Benzoic acid, p-ethoxy-, 2-methoxyethyl ester	1
373	20348	Benzoic acid, p-ethoxy-, methyl ester	2
374	20347	Benzoic acid, p-ethoxy-, propyl ester	2
375	3110	Benzoic acid, m-hydroxy-	1
376	1003	Benzoic acid, p-hydroxy-	1
377	20213	Benzoic acid, p-hydroxy-, acetate	1
378	1341	Benzoic acid, p-hydroxy-, propyl ester	1
379	15531	Benzoic acid, o-[(1-hydroxyethyl)thio]-, delta-lactone	1
380	1811	Benzoic acid, o-iodo-	1
381	5010	Benzoic acid, o-isopropoxy-, methyl ester	1
382	17970	Benzoic acid, p-isopropyl-	1
383	30190	Benzoic acid, p-isopropyl-, allyl ester	1
384	30187	Benzoic acid, p-isopropyl-, benzyl ester	1
385	30159	Benzoic acid, p-isopropyl-, 2-bromoethyl ester	1
386	30151	Benzoic acid, p-isopropyl-, butyl ester	1
387	30154	Benzoic acid, p-isopropyl-, sec-butyl ester	1
388	30158	Benzoic acid, p-isopropyl-, 2-chloroethyl ester	1
389	30188	Benzoic acid, p-isopropyl-, cyclohexyl ester	1
390	30189	Benzoic acid, p-isopropyl-, cyclopentyl ester	1
391	30183	Benzoic acid, p-isopropyl-, 2-(2-ethoxyethoxy)ethyl ester	1
392	30162	Benzoic acid, p-isopropyl-, 2-ethoxyethyl ester	1
393	30184	Benzoic acid, p-isopropyl-, 2-ethylbutyl ester	1
394	30153	Benzoic acid, p-isopropyl-, ethyl ester	1
395	30185	Benzoic acid, p-isopropyl-, 2-ethylhexyl ester	1
396	30191	Benzoic acid, p-isopropyl-, heptyl ester	1
397	30186	Benzoic acid, p-isopropyl-, hexyl ester	1
398	30150	Benzoic acid, p-isopropyl-, isobutyl ester	1
399	30156	Benzoic acid, p-isopropyl-, isopentyl ester	1
400	30148	Benzoic acid, p-isopropyl-, isopropyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
401	30209	Benzoic acid, p-isopropyl-, p-methoxybenzyl ester.....	1
402	30163	Benzoic acid, p-isopropyl-, 2-(2-methoxyethoxy)ethyl ester.....	1
403	30160	Benzoic acid, p-isopropyl-, 2-methoxyethyl ester.....	1
404	30152	Benzoic acid, p-isopropyl-, methyl ester.....	1
405	30155	Benzoic acid, p-isopropyl-, pentyl ester.....	1
406	30192	Benzoic acid, p-isopropyl-, phenethyl ester.....	1
407	30193	Benzoic acid, p-isopropyl-, 3-phenylpropyl ester.....	1
408	30147	Benzoic acid, p-isopropyl-, propyl ester.....	1
409	30195	Benzoic acid, p-isopropyl-, tetrahydrofurfuryl ester.....	1
410	30194	Benzoic acid, p-isopropyl-, 2,2,2-trichloroethyl ester.....	1
411	26181	Benzoic acid, o-mercapto-, methyl ester.....	1
412	20262	Benzoic acid, m-[(p-methoxybenzylidene)amino]-.....	1
413	21530	Benzoic acid, m-[(2-methylallyl)oxy]-, methyl ester.....	1
414	9015	Benzoic acid, m-nitro-.....	1
415	2745	Benzoic acid, m-nitro-, ethyl ester.....	1
416	15240	Benzoic acid, m-nitro-, 2-phenylhydrazide.....	1
417	9666	Benzoic acid, m-nitro-, 2-(2-pyridyl)ethyl ester.....	1
418	8821	Benzoic acid, o-nitro-.....	2
419	149	Benzoic acid, p-nitro-.....	1
420	8669	Benzoic acid, p-nitro-, benzyl ester.....	2
421	16370	Benzoic acid, p-nitro-, benzylidenehydrazide.....	2
422	9434	Benzoic acid, p-nitro-, p-bromophenyl ester.....	1
423	16464	Benzoic acid, p-nitro-, butylidenehydrazide.....	1
424	16468	Benzoic acid, p-nitro-, sec-butylidenehydrazide.....	3
425	14028	Benzoic acid, p-nitro-, p-tert-butylphenyl ester.....	1
426	16474	Benzoic acid, p-nitro-, (o-chlorobenzylidene)hydrazide.....	1
427	8663	Benzoic acid, p-nitro-, 2-chloroethyl ester.....	1
428	9431	Benzoic acid, p-nitro-, o-chlorophenyl ester.....	1
429	9432	Benzoic acid, p-nitro-, p-chlorophenyl ester.....	1
430	16475	Benzoic acid, p-nitro-, cinnamylidenehydrazide.....	1
431	16473	Benzoic acid, p-nitro-, cyclohexylidenehydrazide.....	2
432	16472	Benzoic acid, p-nitro-, cyclopentylidenehydrazide.....	2
433	14027	Benzoic acid, p-nitro-, 2,4-dichlorophenyl ester.....	1
434	9430	Benzoic acid, p-nitro-, 2,4-dinitrophenyl ester.....	1
435	16476	Benzoic acid, p-nitro-, (2-ethylbutylidene)hydrazide.....	1
436	8928	Benzoic acid, p-nitro-, hydrazide.....	1
437	8666	Benzoic acid, p-nitro-, isobutyl ester.....	1
438	16467	Benzoic acid, p-nitro-, isopropylidenehydrazide.....	1
439	16465	Benzoic acid, p-nitro-, (alpha-methylbenzylidene)hydrazide.....	1
440	16369	Benzoic acid, p-nitro-, methylenehydrazide.....	2
441	16470	Benzoic acid, p-nitro-, (1-methyl-3-oxobutylidene)hydrazide.....	2
442	9429	Benzoic acid, p-nitro-, o-nitrophenyl ester.....	1
443	14029	Benzoic acid, p-nitro-, p-nitrophenyl ester.....	1
444	14020	Benzoic acid, p-nitro-, pentachlorophenyl ester.....	1
445	9001	Benzoic acid, p-nitro-, phenyl ester.....	1
446	7778	Benzoic acid, p-nitro-, 2-phenylhydrazide.....	1
447	16469	Benzoic acid, p-nitro-, piperonylidenehydrazide.....	2
448	16471	Benzoic acid, p-nitro-, propylidenehydrazide.....	1
449	9663	Benzoic acid, p-nitro-, 2-(2-pyridyl)ethyl ester.....	1
450	9662	Benzoic acid, p-nitro-, tetrahydrofurfuryl ester.....	1
451	14056	Benzoic acid, p-nitro-, m-tolyl ester.....	1
452	14030	Benzoic acid, p-nitro-, o-tolyl ester.....	1
453	14055	Benzoic acid, p-nitro-, p-tolyl ester.....	1
454	14026	Benzoic acid, p-nitro-, 2,4,6-trichlorophenyl ester.....	1
455	20305	Benzoic acid, p-(pentyloxy)-, pentyl ester.....	1
456	15219	Benzoic acid, p-(piperonylideneamino)-.....	1
457	21335	Benzoic acid, m-propoxy-, methyl ester.....	2
458	20303	Benzoic acid, p-propoxy-, propyl ester.....	2

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
459	18008	Benzoic acid, 4,4'-sulfonyldi-, dibutyl ester	1
460	21155	Benzoic acid, 3,4,5-trimethoxy-, ethyl ester	1
461	21154	Benzoic acid, 3,4,5-trimethoxy-, methyl ester	1
462	20385	Benzoic acid, 3,4,5-trimethoxy-, piperonyl ester	1
463	851	Benzoin	1
464	754	Benzophenone	1
465	9068	p-Benzoquinone	1
466	14931	p-Benzoquinone, methyl-	1
467	20559	Benzyl alcohol, o-chloro-, propionate	1
468	20493	Benzyl alcohol, p-chloro-, acetate	1
469	8353	Benzyl alcohol, p-chloro-, benzoate	1
470	20578	Benzyl alcohol, 2,4-dichloro-, propionate	1
471	5532	Benzyl alcohol, alpha,alpha-dimethyl-	1
472	21159	Benzyl alcohol, 2,4-dimethyl-	1
473	21160	Benzyl alcohol, 2,4-dimethyl-, acetate	1
474	21300	Benzyl alcohol, 3,4-dimethyl-	1
475	21282	Benzyl alcohol, 3,4-dimethyl-, acetate	1
476	5517	Benzyl alcohol, p-ethoxy-	1
477	20524	Benzyl alcohol, alpha-ethyl-, propionate	1
478	19602	Benzyl alcohol, p-methoxy-, benzoate	1
479	20661	Benzyl alcohol, p-methyl-, acetate	1
480	2936	Benzyl alcohol, alpha-methyl-	1
481	4100	Benzyl alcohol, alpha-methyl-, propionate	1
482	21555	Benzyl alcohol, m-[(2-methylallyl)oxy]-	1
483	5713	Benzyl alcohol, p-[(2-methylallyl)oxy]-	1
484	20570	Benzyl alcohol, o-methyl-alpha-propyl-	2
485	20569	Benzyl alcohol, p-methyl-alpha-propyl-	1
486	4237	Benzyl alcohol, alpha-propyl-	1
487	11720	Benzyl alcohol, alpha-propyl-, benzoate	1
488	20897	Benzylamine, N-butyl-N-ethyl-2,3-dimethoxy-	1
489	20802	Benzylamine, N-butyl-N-propyl-	1
490	26794	Benzylamine, N,N-dimethyl-	1
491	20867	Benzylamine, N-ethyl-2,3-dimethoxy-	1
492	20898	Benzylamine, N-ethyl-N-heptyl-2,3-dimethoxy-	1
493	26799	Benzylamine, N-isopropyl-	1
494	26793	Benzylamine, N-methyl-	1
495	3116	Benzylamine, alpha-methyl-	1
496	26039	1,3-Butanediamine, N,N,N',N'-tetramethyl-	1
497	7554	1,2-Butanediol	1
498	26037	1,3-Butanediol, 2,2-dimethyl-	1
499	7553	1,4-Butanediol	1
500	959	2,3-Butanediol, meso-	1
501	3357	1-Butanol, 2-amino-	1
502	26934	1-Butanol, 2,2-bis[(allyloxy)methyl]-	1
503	21932	1-Butanol, 3-methoxy-, benzoate	1
504	4493	1-Butanol, 2-nitro-	1
505	21271	2-Butanol, 4-p-cumenyl-	1
506	21283	2-Butanol, 4-p-cumenyl-, acetate	1
507	30966	2-Butanol, 3,4-dibromo-2-methyl-, benzoate	1
508	5903	2-Butanol, 4-(p-methoxyphenyl)-	1
509	21284	2-Butanol, 4-(p-methoxyphenyl)-, acetate	1
510	21273	2-Butanone, 4-p-cumenyl-	1
511	11747	2-Butanone, 4-hydroxy-	1
512	32146	2-Butanone, 4-(4-hydroxy-m-cumenyl)-	1
513	32144	2-Butanone, 4-(4-hydroxy-o-tolyl)-	1
514	21272	2-Butanone, 4-(o-methoxyphenyl)-	1
515	7551	2-Butene-1,4-diol	1
516	17636	3-Butenoic acid, ethyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
517	26231	2-Buten-1-ol, 3-phenyl-	1
518	20489	3-Buten-1-ol, 1-p-cumenyl-, acetate	2
519	20495	3-Buten-1-ol, 1-(2,3-dimethoxyphenyl)-, acetate	2
520	20034	3-Buten-1-ol, 1-(o-methoxyphenyl)-	1
521	20004	3-Buten-1-ol, 1-(p-methoxyphenyl)-	1
522	20000	3-Buten-1-ol, 1-[3,4-(methylenedioxy)phenyl]-	1
523	20395	3-Buten-1-ol, 3-methyl-1-[3,4-(methylenedioxy)phenyl]-, acetate	1
524	20396	3-Buten-1-ol, 3-methyl-1-[3,4-(methylenedioxy)phenyl]-, propionate	1
525	24708	3-Buten-2-ol, 4-(p-methoxyphenyl)-	1
526	24769	3-Buten-2-one, 4-cyclohexyl-	1
527	5777	3-Buten-2-one, 4-(2-furyl)-	1
528	222	3-Buten-2-one, 4-(p-methoxyphenyl)-	1
529	21938	3-Buten-2-one, 4-o-tolyl-	1
530	26232	3-Buten-2-one, 4-(2,4,6-trimethyl-3-cyclohexen-1-yl)-	1
531	21977	3-Buten-2-one, 4-(2,4-xylyl)-	1
532	405	Butyl alcohol	1
533	26830	Butylamine, N-(2-chloroethyl)-1-ethyl-N-isopropyl-	1
534	402	Butyl ether	1
535	26931	2-Butyne-1,4-diol, diacetate	1
536	7043	3-Butyn-1-ol, benzoate	1
537	24433	3-Butyn-2-ol, 2-phenyl-	1
538	24199	Butyramide	1
539	6147	Butyramide, N,N-diethyl-	1
540	6120	Butyric acid, benzyl ester	1
541	32613	Butyric acid, 2-bornyl ester	1
542	20560	Butyric acid, o-chlorobenzyl ester	1
543	3884	Butyric acid, 2-cyclohexylcyclohexyl ester	1
544	32072	Butyric acid, 1,4-cyclohexylenedimethylene ester	1
545	32666	Butyric acid, 3,7-dimethyl-2,6-octadienyl ester, trans-	1
546	30912	Butyric acid, 2,2-dimethylpentyl ester	1
547	5853	Butyric acid, 2-ethyl-3-hydroxyhexyl ester	1
548	31453	Butyric acid, 2-(ethylthio)ethyl ester	1
549	32960	Butyric acid, 2,4-hexadienyl ester	3
550	32075	Butyric acid, p-hydroxybenzylidene ester, propionate	1
551	32675	Butyric acid, 4-isopropylcyclohexyl ester	1
552	2954	Butyric acid, phenethyl ester	1
553	5854	Butyric acid, 1,2,3,4-tetrahydro-2-naphthyl ester	1
554	32783	Butyric acid, 1,3,3-trimethyl-2-norbornyl ester	1
555	21065	Butyric acid, 2-bromo-3-methyl-	1
556	4629	Butyric acid, 2-ethyl-	1
557	6313	Butyric acid, 2-ethyl-, ethylene ester	1
558	30323	Butyric acid, 2-ethyl-, 2-methylcyclohexyl ester	1
559	7027	Butyric acid, 4-hydroxy-, gamma-lactone	1
560	21008	Butyric acid, 3-(m-methoxyphenoxy)-, propyl ester	2
561	5514	Butyrophenone, 4'-methoxy-	1
562	96	Carbazole	1
563	7498	Carbonic acid, allyl ester, diester with diethylene glycol	1
564	365	Carbonic acid, diethyl ester	1
565	4252	Carbonic acid, dipentyl ester	1
566	26373	Caryophyllene alcohol	1
567	946	Chalcone	1
568	17319	Chalcone, 4-methoxy-	1
569	3763	Chalcone, 4'-methyl-3,4-(methylenedioxy)-	1
570	21375	Chroman, 2-methyl-	1
571	20900	4-Chromanone, 7-methoxy-2-methyl-	1
572	5096	Cinnamaldehyde, alpha-hexyl-	1
573	2025	Cinnamic acid, butyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
574	2383	Cinnamic acid, sec-butyl ester	1
575	2451	Cinnamic acid, 1,5-dimethyl-1-vinyl-4-hexenyl ester	1
576	20276	Cinnamic acid, 2-ethoxyethyl ester	1
577	667	Cinnamic acid, ethyl ester	1
578	5006	Cinnamic acid, hexadecyl ester	1
579	2384	Cinnamic acid, isobutyl ester	1
580	2425	Cinnamic acid, p-methoxy-, isopropyl ester, trans-	1
581	2864	Cinnamic acid, alpha-methyl-, ethyl ester, trans-	1
582	2865	Cinnamic acid, alpha-methyl-, propyl ester, trans-	2
583	949	Cinnamyl alcohol	1
584	2446	Cinnamyl alcohol, propionate	1
585	3127	Citric acid, triallyl ester	1
586	753	Coumarin	1
587	20027	m-Cresol, 4,6-di-tert-butyl-, propionate	1
588	20066	m-Cresol, 6-pentyl-, propionate	1
589	26185	m-Cresol, alpha,alpha,alpha-trifluoro-	1
590	137	o-Cresol	1
591	20013	o-Cresol, 4-tert-butyl-, acetate	1
592	20064	o-Cresol, 4-tert-butyl-, propionate	1
593	26294	o-Cresol, 6-tert-butyl-	1
594	19702	o-Cresol, 4,6-dinitro-, benzoate	1
595	26850	o-Cresol, 6-(2-methylallyl)-	1
596	20061	p-Cresol, 2-tert-butyl-, propionate	1
597	18303	Crotonaldehyde	1
598	6287	Crotonic acid	1
599	22721	Crotonic acid, cyclopentyl ester	1
600	32064	Crotonic acid, 2,3-dibromopropyl ester	1
601	5622	Crotonic acid, ethyl ester	1
602	21543	Crotonic acid, heptyl ester	2
603	19908	Crotonic acid, 2-methylpentyl ester	1
604	20929	Crotonic acid, piperonyl ester	1
605	6127	Crotonic acid, propyl ester	1
606	6270	Crotonic acid, trimethylene ester	1
607	20356	Crotonic acid, 3-methyl-, ester with 2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one	1
608	26695	1,5,9-Cyclododecatriene	1
609	20837	Cyclohexaneacetamide, N,N-diethyl-	1
610	26964	1,4-Cyclohexanebis(methylamine)	1
611	19651	Cyclohexanebutyric acid, allyl ester	1
612	19652	Cyclohexanebutyric acid, benzyl ester	1
613	19654	Cyclohexanebutyric acid, 2-bromoethyl ester	1
614	19653	Cyclohexanebutyric acid, 2-chloroethyl ester	1
615	19650	Cyclohexanebutyric acid, cyclohexyl ester	1
616	22730	Cyclohexanebutyric acid, cyclopentyl ester	1
617	12154	Cyclohexanebutyric acid, ethyl ester	1
618	14188	Cyclohexanebutyric acid, hexyl ester	1
619	14191	Cyclohexanebutyric acid, isopropyl ester	1
620	19696	Cyclohexanebutyric acid, 2-methoxyethyl ester	1
621	19656	Cyclohexanebutyric acid, 2,2,2-trichloroethyl ester	1
622	20597	Cyclohexanecarboxamide, N,N-diethyl-1-hydroxy-, acetate	1
623	19660	Cyclohexanecarboxylic acid, 2-bromoethyl ester	1
624	4226	Cyclohexanecarboxylic acid, butyl ester	2
625	4802	Cyclohexanecarboxylic acid, cyclohexyl ester	1
626	19663	Cyclohexanecarboxylic acid, hexyl ester	3
627	19658	Cyclohexanecarboxylic acid, isopropyl ester	1
628	19665	Cyclohexanecarboxylic acid, 1-propylbutyl ester	2
629	19657	Cyclohexanecarboxylic acid, propyl ester	1
630	31557	Cyclohexanecarboxylic acid, 4(or 5)-chloro-2-methyl-, allyl ester.	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
631	31560	Cyclohexanecarboxylic acid, 4(or 5)-chloro-2-methyl-, tert-butyl ester	1
632	26330	Cyclohexanecarboxylic acid, 3-formyl-, ethyl ester	1
633	20948	Cyclohexanecarboxylic acid, 1-hydroxy-, 2-(butoxyethoxy)ethyl ester, acetate	1
634	6498	Cyclohexanecarboxylic acid, 1-hydroxy-, 2-butoxyethyl ester	1
635	20071	Cyclohexanecarboxylic acid, 1-hydroxy-, ethyl ester	1
636	20600	Cyclohexanecarboxylic acid, 1-hydroxy-, heptyl ester	1
637	20072	Cyclohexanecarboxylic acid, 1-hydroxy-, isopropyl ester	1
638	20344	Cyclohexanecarboxylic acid, 1-hydroxy-, 2-methoxy-1-methylethyl ester	1
639	20070	Cyclohexanecarboxylic acid, 1-hydroxy-, methyl ester	1
640	20075	Cyclohexanecarboxylic acid, 1-hydroxy-, pentyl ester	1
641	21681	Cyclohexanecarboxylic acid, 2-methyl-	1
642	21701	Cyclohexanecarboxylic acid, 2-methyl-, benzyl ester	1
643	21628	Cyclohexanecarboxylic acid, 2-methyl-, butyl ester	1
644	21687	Cyclohexanecarboxylic acid, 2-methyl-, 2-chloroethyl ester	1
645	21683	Cyclohexanecarboxylic acid, 2-methyl-, cyclohexyl ester	1
646	21682	Cyclohexanecarboxylic acid, 2-methyl-, cyclopentyl ester	1
647	21692	Cyclohexanecarboxylic acid, 2-methyl-, heptyl ester	1
648	21684	Cyclohexanecarboxylic acid, 2-methyl-, isobutyl ester	1
649	21686	Cyclohexanecarboxylic acid, 2-methyl-, isopentyl ester	1
650	21629	Cyclohexanecarboxylic acid, 2-methyl-, isopropyl ester	1
651	21691	Cyclohexanecarboxylic acid, 2-methyl-, 2-methoxyethyl ester	1
652	21685	Cyclohexanecarboxylic acid, 2-methyl-, pentyl ester	1
653	21568	Cyclohexanecarboxylic acid, 2-methyl-, propyl ester	1
654	24748	1,2-Cyclohexanediol, 4-isopropenyl-1-methyl-, 2-acetate	1
655	19591	Cyclohexaneethanol, benzoate	1
656	22794	Cyclohexanehexanoic acid, allyl ester	1
657	22799	Cyclohexanehexanoic acid, benzyl ester	1
658	22803	Cyclohexanehexanoic acid, 2-butoxyethyl ester	1
659	22798	Cyclohexanehexanoic acid, 2-chloroethyl ester	1
660	22800	Cyclohexanehexanoic acid, cyclohexyl ester	1
661	22731	Cyclohexanehexanoic acid, cyclopentyl ester	1
662	22805	Cyclohexanehexanoic acid, ethylene ester	1
663	4109	Cyclohexanehexanoic acid, ethyl ester	1
664	22796	Cyclohexanehexanoic acid, propyl ester	1
665	22802	Cyclohexanehexanoic acid, tetrahydrofurfuryl ester	1
666	20827	Cyclohexanepropionamide, N,N-diethyl-	1
667	23811	Cyclohexanepropionic acid, benzyl ester	1
668	23703	Cyclohexanepropionic acid, 2-bromoethyl ester	1
669	23808	Cyclohexanepropionic acid, 2-butoxyethyl ester	1
670	23702	Cyclohexanepropionic acid, 2-chloroethyl ester	1
671	23814	Cyclohexanepropionic acid, 2-chloro-1-methylethyl ester	1
672	23807	Cyclohexanepropionic acid, cyclohexyl ester	1
673	23815	Cyclohexanepropionic acid, cyclopentyl ester	1
674	23806	Cyclohexanepropionic acid, 2-ethoxyethyl ester	1
675	23812	Cyclohexanepropionic acid, 4-ethyl-1-methyloctyl ester	1
676	23701	Cyclohexanepropionic acid, 1-ethylpropyl ester	1
677	23805	Cyclohexanepropionic acid, hexyl ester	1
678	23700	Cyclohexanepropionic acid, isopentyl ester	1
679	32701	Cyclohexanepropionic acid, 4-isopropylcyclohexyl ester	1
680	23817	Cyclohexanepropionic acid, 4-methylcyclohexyl ester	1
681	23699	Cyclohexanepropionic acid, pentyl ester	1
682	18693	Cyclohexanepropionic acid, phenethyl ester	1
683	23813	Cyclohexanepropionic acid, 2-phenoxyethyl ester	1
684	23816	Cyclohexanepropionic acid, 3-phenylpropyl ester	1
685	23809	Cyclohexanepropionic acid, 2-propynyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
686	23810	Cyclohexanepropionic acid, tetrahydrofurfuryl ester	1
687	40	Cyclohexanol	3
688	5558	Cyclohexanol, 1-benzyl-	1
689	19594	Cyclohexanol, 2-sec-butyl-, benzoate	1
690	30518	Cyclohexanol, 4-sec-butyl-, benzoate	1
691	30599	Cyclohexanol, 4-tert-butyl-, benzoate	1
692	24480	Cyclohexanol, 4-tert-butyl-1-ethynyl-	1
693	18336	Cyclohexanol, 2-cyclohexyl-, acetate	1
694	7064	Cyclohexanol, 1-ethynyl-	1
695	7080	Cyclohexanol, 1,1'-ethynylenedi-	1
696	18260	Cyclohexanol, 2-isopropyl-, acetate	1
697	19609	Cyclohexanol, 2-isopropyl-, benzoate	1
698	18258	Cyclohexanol, 4-isopropyl-, acetate	1
699	19597	Cyclohexanol, 4-isopropyl-, benzoate	1
700	25180	Cyclohexanol, 4,4'-isopropylidenedi-	1
701	21004	Cyclohexanol, 2-methoxy-	1
702	15917	Cyclohexanol, 1-methyl-	1
703	19604	Cyclohexanol, 2-methyl-, benzoate	1
704	1169	Cyclohexanol, 4-methyl-	1
705	20451	Cyclohexanol, 1-(nitromethyl)-	1
706	431	Cyclohexanol, 4-tert-pentyl-	1
707	13205	Cyclohexanol, 1-phenyl-	1
708	25140	Cyclohexanol, 1-vinyl-	1
709	26200	Cyclohexanone, 2-isobutylidene-	1
710	5634	Cyclohexanone, 3-methyl-	1
711	8499	Cyclohexene, 4-vinyl-	1
712	24768	3-Cyclohexene-1-acrolein, alpha-methyl-	1
713	21662	3-Cyclohexene-1-carboxaldehyde, 6-methyl-	1
714	24742-X	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(and 3)-(4-methyl-3-pentenyl)- (a mixture of isomers)	1
715	6535	2-Cyclohexene-1-carboxylic acid, 2,6-dimethyl-4-oxo-, ethyl ester.	1
716	6515	2-Cyclohexene-1-carboxylic acid, 2-methyl-4-oxo-6-propyl-, ethyl ester	1
717	21620	3-Cyclohexene-1-carboxylic acid, propyl ester	1
718	20221	3-Cyclohexene-1-carboxylic acid, 6-methyl-	1
719	21343	3-Cyclohexene-1-carboxylic acid, 6-methyl-, benzyl ester	1
720	21354	3-Cyclohexene-1-carboxylic acid, 6-methyl-, 2-butoxyethyl ester	1
721	21344	3-Cyclohexene-1-carboxylic acid, 6-methyl-, butyl ester	1
722	21486	3-Cyclohexene-1-carboxylic acid, 6-methyl-, sec-butyl ester	1
723	21613	3-Cyclohexene-1-carboxylic acid, 6-methyl-, cyclopentyl ester	1
724	21841	3-Cyclohexene-1-carboxylic acid, 6-methyl-, 1,3-dimethylbutyl ester	1
725	21480	3-Cyclohexene-1-carboxylic acid, 6-methyl-, ethyl ester	1
726	21800	3-Cyclohexene-1-carboxylic acid, 6-methyl-, 2-ethylhexyl ester	1
727	21485	3-Cyclohexene-1-carboxylic acid, 6-methyl-, isobutyl ester	1
728	21478	3-Cyclohexene-1-carboxylic acid, 6-methyl-, isopropyl ester	1
729	21350	3-Cyclohexene-1-carboxylic acid, 6-methyl-, 2-methoxyethyl ester	1
730	21345	3-Cyclohexene-1-carboxylic acid, 6-methyl-, propyl ester	1
731	3898	Cyclohexene-1,2-dicarboxylic acid, diisopropyl ester	1
732	21672	4-Cyclohexene-1,2-dicarboxylic acid, bis(2-chloroethyl) ester, cis-	1
733	22280	4-Cyclohexene-1,2-dicarboxylic acid, diallyl ester	1
734	21670	4-Cyclohexene-1,2-dicarboxylic acid, dibutyl ester, cis-	1
735	8986	4-Cyclohexene-1,2-dicarboxylic acid, diethyl ester, cis-	1
736	21673	4-Cyclohexene-1,2-dicarboxylic acid, diisobutyl ester, cis-	1
737	3408	4-Cyclohexene-1,2-dicarboxylic acid, dimethyl ester	1
738	21669	4-Cyclohexene-1,2-dicarboxylic acid, dipropyl ester, cis-	1
739	30662	2-Cyclohexene-1-hexanoic acid, 2-bromoethyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
740	30667	2-Cyclohexene-1-hexanoic acid, 2-(2-butoxyethoxy)ethyl ester.....	1
741	30666	2-Cyclohexene-1-hexanoic acid, 2-butoxyethyl ester.....	1
742	21708	2-Cyclohexene-1-hexanoic acid, butyl ester.....	1
743	30661	2-Cyclohexene-1-hexanoic acid, sec-butyl ester.....	1
744	21730	2-Cyclohexene-1-hexanoic acid, 2-chloroethyl ester.....	1
745	21709	2-Cyclohexene-1-hexanoic acid, ethyl ester.....	1
746	21710	2-Cyclohexene-1-hexanoic acid, isobutyl ester.....	1
747	21703	2-Cyclohexene-1-hexanoic acid, isopropyl ester.....	1
748	21731	2-Cyclohexene-1-hexanoic acid, 2-methoxyethyl ester.....	1
749	30664	2-Cyclohexene-1-hexanoic acid, pentyl ester.....	1
750	21702	2-Cyclohexene-1-hexanoic acid, propyl ester.....	1
751	21734	2-Cyclohexene-1-hexanoic acid, 2-propynyl ester.....	1
752	21913	3-Cyclohexene-1-methanol, 6-methyl-.....	1
753	30085	3-Cyclohexene-1-methanol, alpha,alpha,6-trimethyl-.....	1
754	5775	Cyclohexylamine, N-phenyl-.....	1
755	26696	1,3-Cyclooctadiene.....	1
756	26692	1,5-Cyclooctadiene.....	2
757	26694	Cyclooctane.....	1
758	26693	Cyclooctene.....	1
759	21745	Cyclopentanecarboxylic acid, 1-hydroxy-, allyl ester.....	2
760	21750	Cyclopentanecarboxylic acid, 1-hydroxy-, benzyl ester.....	1
761	21736	Cyclopentanecarboxylic acid, 1-hydroxy-, butyl ester.....	2
762	21746	Cyclopentanecarboxylic acid, 1-hydroxy-, 2-chloroethyl ester.....	1
763	6138	Cyclopentanecarboxylic acid, 1-hydroxy-, cyclohexyl ester.....	1
764	6139	Cyclopentanecarboxylic acid, 1-hydroxy-, cyclopentyl ester.....	1
765	21748	Cyclopentanecarboxylic acid, 1-hydroxy-, ethyl ester.....	1
766	21751	Cyclopentanecarboxylic acid, 1-hydroxy-, heptyl ester.....	1
767	21744	Cyclopentanecarboxylic acid, 1-hydroxy-, isobutyl ester.....	1
768	21735	Cyclopentanecarboxylic acid, 1-hydroxy-, isopropyl ester.....	1
769	21747	Cyclopentanecarboxylic acid, 1-hydroxy-, 2-methoxyethyl ester.....	1
770	21749	Cyclopentanecarboxylic acid, 1-hydroxy-, methyl ester.....	1
771	6141	Cyclopentanecarboxylic acid, 1-hydroxy-, propyl ester.....	1
772	20439	Cyclopentanecarboxylic acid, 3-isopropyl-1-methyl-, cinnamyl ester.....	1
773	20429	Cyclopentanecarboxylic acid, 3-isopropyl-1-methyl-, piperonyl ester.....	1
774	6472	Cyclopentanecarboxylic acid, 2-oxo-, cyclopentyl ester.....	1
775	7005	Cyclopentanecarboxylic acid, 2-oxo-, ethyl ester.....	1
776	32213	1,2-Cyclopentanediol, dipropionate, trans-.....	1
777	25264	Cyclopentanol.....	1
778	16609	Cyclopentanone.....	1
779	26369	Cyclopropanecarboxamide, N-allyl-.....	1
780	30971	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, allyl ester.....	1
781	20944	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, o-methoxyphenyl ester.....	1
782	20409	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, thymyl ester.....	1
783	21054	Cyclopropanecarboxylic acid, 2-methyl-3-[3,4-(methylenedioxy)-phenyl]-, methyl ester.....	1
784	31386	Cyclopropanemethanol, 2,2-dimethyl-3-(2-methylpropenyl)-, benzoate.....	1
785	31385	Cyclopropanemethanol, 2,2-dimethyl-3-(2-methylpropenyl)-, propionate.....	1
786	32019	p-Cymene-7,7-diol, diacetate.....	1
787	32113	p-Cymene-7,7-diol, dipropionate.....	1
788	20440	p-Cymen-7-ol.....	1
789	13226	1,9-Decadien-4,7-diol, 4-allyl-7-methyl-.....	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
790	4860	Decanal	1
791	26168	Decanoic acid, methyl ester	3
792	2173	Decyl alcohol	1
793	39	Dibenzofuran	1
794	26795	Dibenzylamine, N-methyl-	1
795	7061	m-Dioxane, 5-butyl-5-ethyl-2-propenyl-	1
796	31274	m-Dioxane, 5,5-diethyl-2-methyl-2-phenyl-	1
797	32702	m-Dioxane, 2-(2,6-dimethyl-1,5-heptadienyl)-5,5-dimethyl-	1
798	5029	m-Dioxane, 2-(2,6-dimethyl-5-heptenyl)-4-methyl-	1
799	7082	m-Dioxane, 5-ethyl-5-nitro-2-propenyl-	1
800	20643	m-Dioxane, 4-isopropyl-5,5-dimethyl-2-[3,4-(methylenedioxy)-phenyl]-	1
801	26906	m-Dioxane, 2,2'-methylenebis[4-methyl-	2
802	31669	m-Dioxane, 2,4,5,5-tetramethyl-2-phenyl-	1
803	7499	m-Dioxane, 4,4,6-trimethyl-2-propenyl-	1
804	26284	m-Dioxane-5-methanol, 4,4-dimethyl-	1
805	5103-X	m-Dioxan-5-ol, 2-(1-ethylpropyl)-, mixture with 2-(1-ethylpropyl)-1,3-dioxolane-4-methanol	1
806	5101-X	m-Dioxan-5-ol, 2-propyl-, mixture with 2-propyl-1,3-dioxolane-4-methanol	1
807	22811	1,4-Dioxaspiro[4.5]decane, 2,3,8-trimethyl-	1
808	31185	1,4-Dioxaspiro[4.4]nonane-2-methanol, acetate	1
809	5583	1,5-Dioxaspiro[5.5]undecane, 3-ethyl-2-propyl-	2
810	26244	1,3-Dioxolane, 2-benzyl-4-methyl-	1
811	26915	1,3-Dioxolane, 2,2'-methylenebis-	1
812	26909	1,3-Dioxolane, 2,2'-methylenebis[4-(chloromethyl)-	1
813	26905	1,3-Dioxolane, 2,2'-methylenebis[4-methyl-	1
814	6368	1,3-Dioxolane-2-acetic acid, 2-methyl-, ethyl ester	1
815	32557	1,3-Dioxolane-4,5-dicarboxylic acid, 2-ethyl-2-methyl-, dipropyl ester	1
816	22804	1,3-Dioxolane-4-methanol, 2-(o-chlorophenyl)-, acetate	1
817	26907-X	1,3-Dioxolane-4-methanol, 2,2'-methylenebis-, mixture with 2,2'-methylenebis(m-dioxan-5-ol)	1
818	6381	1,3-Dioxolane-2-propionic acid, 2-methyl-, cyclohexyl ester	1
819	26661-X	Dodecanamide, N,N-dimethyl- (95 percent), mixture with related amides (5 percent)	1
820	309	Dodecyl alcohol	1
821	14413	Ethane, 1-butoxy-2-(vinyloxy)-	1
822	2488	Ethane, 1-(o-cyclohexylphenoxy)-2-(2-iodoethoxy)-	1
823	4341	Ethane, 1,1-diphenyl-	1
824	110	Ethane, nitro-	1
825	1506	Ethane, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-	1
826	26089	Ethanethiol, 2-amino-, hydrochloride	1
827	26796	Ethanol, 2-(benzylamino)-	1
828	26798	Ethanol, 2,2'-(benzylimino)di-	1
829	26797	Ethanol, 2-(benzylmethylamino)-	1
830	19589	Ethanol, 2-bromo-, benzoate	1
831	9903	Ethanol, 2-butoxy-	1
832	30512	Ethanol, 2-butoxy-, benzoate	3
833	1954	Ethanol, 2-(2-butoxyethoxy)-	1
834	30576	Ethanol, 2-(2-butoxyethoxy)-, benzoate	1
835	5014	Ethanol, 2-(carvacryloxy)-	1
836	19588	Ethanol, 2-chloro-, benzoate	1
837	26460	Ethanol, 2-(dibutylamino)-	1
838	26461	Ethanol, 2-(diisopropylamino)-	1
839	9209	Ethanol, 2-(dimethylamino)-	1
840	30508	Ethanol, 2-ethoxy-, benzoate	1
841	30507	Ethanol, 2-methoxy-, benzoate	1
842	752	Ethanol, 2-phenoxy-	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
843	2145	Ethanol, 2-phenoxy-, acetate	1
844	14041	Ethanol, 2-phenoxy-, benzoate	1
845	5541	Ethanol, 2,2'-thiodi-	1
846	5542	Ethanol, 2,2'-thiodi-, diacetate	1
847	19590	Ethanol, 2,2,2-trichloro-, benzoate	1
848	20992	Ether, allyl o-allylphenyl	1
849	26847	Ether, allyl o-chlorophenyl	1
850	3143	Ether, allyl phenyl	1
851	20991	Ether, o-allylphenyl butyl	3
852	26849	Ether, allyl o-tolyl	1
853	5065	Ether, bis(p-chlorophenyl)methyl ethyl	1
854	26647	Ether, bis(1,2-dichloroethyl)	1
855	24225	Ether, butyl vinyl	1
856	26848	Ether, o-chlorophenyl 2-methylallyl	1
857	18425	Ether, isobutyl vinyl	1
858	32544	Ether, p-menth-1-en-8-yl methyl	1
859	26638	Ethylenediamine, N,N-diethyl-	1
860	26637	Ethylenediamine, N,N'-diethyl-	1
861	26631	Ethylenediamine, N,N,N',N'-tetramethyl-	1
862	40274	European chafer female, ether extract of filter paper paths	1
863	40269	European chafer female abdomens, alcohol extract	1
864	40270	European chafer female thoraxes, alcohol extract	1
865	40273	European chafer male, ether extract of filter paper paths	1
866	40271	European chafer male abdomens, alcohol extract	1
867	40272	European chafer male thoraxes, alcohol extract	1
868	26678-X	Flavor, imitation blackberry	1
869	26677-X	Flavor, imitation buttermilk	1
870	26679-X	Flavor, imitation pineapple	1
871	26451-X	Flavor, imitation strawberry N.M.	1
872	26450-X	Flavor, imitation strawberry No. 6	1
873	26448-X	Flavor, imitation strawberry OT	1
874	26445-X	Flavor, imitation strawberry "Syntharome"	1
875	26444-X	Flavor, strawberry Extra Concentrated	1
876	9074	Fluorene	1
877	15357	Formamide	1
878	26076	Formamide, N-methyl-	1
879	2951	Formic acid, benzyl ester	1
880	24240	Formic acid, isobutyl ester	1
881	18542	Formic acid, phenethyl ester	1
882	26619-X	Fruit concentrate, apple	1
883	26620-X	Fruit concentrate, apricot	1
884	26621-X	Fruit concentrate, blackberry	1
885	26623-X	Fruit concentrate, grape	1
886	26624-X	Fruit concentrate, loganberry	1
887	26625-X	Fruit concentrate, peach	1
888	26626-X	Fruit concentrate, pineapple	1
889	26627-X	Fruit concentrate, raspberry	1
890	26622-X	Fruit concentrate, red cherry	1
891	26628-X	Fruit concentrate, strawberry	1
892	26449-X	Fruit extract, strawberry	1
893	24236	Fumaric acid	1
894	5613	Fumaric acid, diethyl ester	1
895	4466	2-Furaldehyde	1
896	7570	Furan, tetrahydro-	1
897	703	2-Furanacrolein	1
898	5863	2-Furanacrylic acid, 2-ethoxyethyl ester	1
899	14772	2-Furanacrylic acid, ethyl ester	1
900	1171	Furfuryl alcohol	1
901	104	Furfuryl alcohol, tetrahydro-	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
902	21209	Furfuryl alcohol, tetrahydro-, acetate	1
903	6109	2-Furoic acid, furfuryl ester	1
904	2545	Furoin	1
905	766	Glucitol	1
906	25252-X	Glutaraldehyde, 25-percent solution	1
907	6002	Glutaric acid, 3-oxo-, diethyl ester	1
908	91	Glycerol	1
909	7356	Glycidic acid, 3-phenyl-, ethyl ester	1
910	7037	Glyoxylic acid, phenyl-, methyl ester	1
911	30750	Heptanoic acid, 2-butoxyethyl ester	1
912	31354	1-Heptanol, 2-propyl-, benzoate	1
913	19592	3-Heptanol, benzoate	1
914	25147	4-Heptanol, 4-ethyl-2,6-dimethyl-	1
915	5639	5-Hepten-2-one, 6-methyl-	1
916	31753	4(or 5)-Hexadecene	1
917	32962	2,4-Hexadien-1-ol, acetate	1
918	32963	2,4-Hexadien-1-ol, benzoate	1
919	32961	2,4-Hexadien-1-ol, propionate	1
920	26610	Hexamethylenimine	1
921	15364	Hexanal	1
922	26291	Hexanamide, N,N,2-triethyl-	1
923	25253-X	Hexanedial, 2-hydroxy-, 25-percent solution	1
924	7556	2,5-Hexanediol	1
925	19606	2,5-Hexanediol, dibenzoate	1
926	7701	Hexanoic acid	1
927	2950	Hexanoic acid, allyl ester	1
928	31070	Hexanoic acid, 4-tert-butylcyclohexyl ester	1
929	20526	Hexanoic acid, p-chlorobenzyl ester	2
930	2296	Hexanoic acid, 2-cyclohexylcyclohexyl ester	1
931	18291	Hexanoic acid, diester with N,N'-bis(2-hydroxyethyl)hexanamide	1
932	15347	Hexanoic acid, ethyl ester	1
933	13204	Hexanoic acid, 2-(2-hydroxyethoxy)ethyl ester	1
934	6351	Hexanoic acid, 5-hydroxypentyl ester	1
935	31077	Hexanoic acid, 2-isopropylcyclohexyl ester	1
936	31071	Hexanoic acid, 4-isopropylcyclohexyl ester	1
937	2710	Hexanoic acid, 2-methoxyethyl ester	1
938	20984	Hexanoic acid, 2-methoxy-4-propenylphenyl ester	1
939	31065	Hexanoic acid, 2-methylcyclohexyl ester	1
940	21181	Hexanoic acid, (tetrahydropyran-2-yl)methyl ester	1
941	21971	Hexanoic acid, 2-bromo-, 3-methoxybutyl ester	1
942	7950	Hexanoic acid, 2-ethyl-, butyl ester	1
943	24890	Hexanoic acid, 2-ethyl-, vinyl ester	1
944	5635	Hexanoic acid, 3-methyl-	1
945	26365	1-Hexanol, 2,3-epoxy-2-ethyl-	1
946	20640	3-Hexanol, 3-methyl-6-phenyl-	1
947	24649	2-Hexenal	1
948	8105	2-Hexenal, 2-ethyl-	1
949	26229	4-Hexenoic acid, 2,3-epoxy-3,4-dimethyl-	1
950	26301	4-Hexenoic acid, 2,3-epoxy-3,4-dimethyl-, methyl ester	1
951	25091	3-Hexen-1-ol	1
952	20892	1-Hexen-3-one, 5-hydroxy-5-methyl-1-[3,4-(methylenedioxy)phenyl]-	1
953	26287	Hexylamine, 2-ethyl-	1
954	1454	Hexyl ether	3
955	14500	3-Hexyne-2,5-diol, 2,5-dimethyl-	1
956	1062	Hippuric acid	1
957	6220	Hydracrylic acid, 3-phenyl-, methyl ester	1
958	26686	Hydrazine, 1,1-diethyl-	1
959	7121	Hydrocinnamic acid, alpha,beta-epoxy-beta-methyl-, allyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
960	7198	Hydrocinnamic acid, alpha,beta-epoxy-beta-methyl-, 2-ethoxyethyl ester	1
961	72	Hydroquinone	1
962	1540	Indole	1
963	32667	Isobutyric acid, 3,7-dimethyl-2,6-octadienyl ester, trans-	1
964	3138	Isobutyric acid, ester with lactic acid	1
965	32966	Isobutyric acid, 2,4-hexadienyl ester	2
966	6122	Isobutyric acid, isobutyl ester	1
967	32677	Isobutyric acid, 2-isopropylcyclohexyl ester	1
968	19794	Isobutyric acid, 4-isopropylcyclohexyl ester	1
969	30502	Isobutyric acid, 4-methylcyclohexyl ester	1
970	32087	Isobutyric acid, 5-norbornen-2-ylmethyl ester	1
971	6018	Isobutyric acid, propyl ester	1
972	21182	Isobutyric acid, (tetrahydropyran-2-yl)methyl ester	1
973	576	Isopentyl alcohol, acetate	1
974	10035	Isoquinoline	1
975	2953	Isovaleric acid, benzyl ester	1
976	3136	Lactic acid, acetate	1
977	3166	Lactic acid, 2-(2-butoxyethoxy)ethyl ester	1
978	3163	Lactic acid, 2-butoxyethyl ester	1
979	397	Lactic acid, butyl ester	1
980	3303	Lactic acid, decyl ester	1
981	3233	Lactic acid, ester with methyl lactate, acetate	1
982	3165	Lactic acid, 2-(2-ethoxyethoxy)ethyl ester	1
983	3217	Lactic acid, ethyl ester, butyl carbonate	1
984	3141	Lactic acid, formate	1
985	3164	Lactic acid, 2-(2-methoxyethoxy)ethyl ester	1
986	3161	Lactic acid, 2-methoxyethyl ester	1
987	3213	Lactic acid, methyl ester, butyl carbonate	1
988	3225	Lactic acid, tert-pentyl ester, acetate	1
989	3167	Lactic acid, 2-phenoxyethyl ester	1
990	14462	Lactic acid, propylene ester, diacetate	1
991	820	Lauric acid, 2-butoxyethyl ester	1
992	6461	Levulinamide, N,N-dipropyl-	1
993	3377	Levulinic acid	1
994	3924	Levulinic acid, cyclohexyl ester	1
995	677	Levulinic acid, ethyl ester	1
996	3982	Levulinic acid, dichloro-, ethyl ester	1
997	11010	Linoleic acid	1
998	26533	Maleic acid, bis(5-norbornen-2-ylmethyl) ester	1
999	24283	Maleic anhydride	1
1000	6292	Malic acid	1
1001	20831	Malic acid, bis(1-methylbutyl) ester	1
1002	20828	Malic acid, diisobutyl ester	2
1003	20830	Malic acid, diisopentyl ester	1
1004	20829	Malic acid, dipentyl ester	2
1005	26908	Malonaldehyde, bis(diallyl acetal)	1
1006	26914	Malonaldehyde, bis(dibutyl acetal)	1
1007	26904	Malonaldehyde, ethyl tris(2-methoxyethyl) diacetal	1
1008	26367	p-Malonanisidide	1
1009	15375	Malonic acid	1
1010	7236	Malonic acid, diisopropyl ester	1
1011	5656	Malonic acid, furfurylidene-, diethyl ester	1
1012	2939	Malonic acid, phenethyl-, diethyl ester	1
1013	5688	Malonic acid, piperonylidene-, diethyl ester	1
1014	20097	Mandelic acid, 2-butyloctyl ester	1
1015	20082	Mandelic acid, 1,3-dimethylbutyl ester	1
1016	20798	Mandelic acid, 3,4-dimethylhexyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1017	20098	Mandelic acid, 2-ethylhexyl ester	1
1018	20128	Mandelic acid, heptyl ester	1
1019	4202	Mandelic acid, hexyl ester	1
1020	20351	Mandelic acid, isopentyl ester	1
1021	20277	Mandelic acid, 2-methoxyethyl ester	1
1022	20096	Mandelic acid, 2-methylpentyl ester	1
1023	20127	Mandelic acid, pentyl ester	1
1024	21297	Mandelic acid, 2,4-dimethyl-, ethyl ester	1
1025	20548	Mandelic acid, p-isopropyl-, hexyl ester	2
1026	20546	Mandelic acid, p-isopropyl-, pentyl ester	2
1027	20731	Mandelic acid, p-methyl-, butyl ester	1
1028	20732	Mandelic acid, p-methyl-, pentyl ester	1
1029	26859	Melamine, hexakis(methoxymethyl)-	1
1030	18143	p-Mentha-1(7),2-diene, d-	1
1031	18142	p-Mentha-1,5-diene, d-	2
1032	15191	p-Mentha-1,8-diene, d-	1
1033	26044	p-Menthane, 1,2:8,9-diepoxy-	1
1034	32584	p-Menthane-3-carboxylic acid	1
1035	1769	p-Menthane-1,8-diol, diacetate	1
1036	1762	p-Menthane-1,8-diol, hydrate	1
1037	24710	p-Menthane-2,3-diol	1
1038	275	p-Menth-1-en-8-ol	1
1039	522	p-Menth-1-en-8-ol, acetate	2
1040	2176	p-Menth-8-en-3-ol	1
1041	16053	p-Menth-1-en-3-one	1
1042	23215	Metanilic acid	1
1043	15724	Methacrylic acid	1
1044	111	Methane, nitro-	1
1045	26640	Methanediamine, N,N,N',N'-tetramethyl-	1
1046	32392	Methanediol, dibenzoate	1
1047	26046	4,7-Methanoindan, 1,2:5,6-diepoxy-3a,4,5,6,7,7a-hexahydro-, endo-	3
1048	3386	4,7-Methanoindene, 3a,4,7,7a-tetrahydro-	1
1049	26477	Methyl sulfoxide	1
1050	1231	Morpholine	1
1051	32965	Myristic acid, 2,4-hexadienyl ester	1
1052	278	Naphthalene	1
1053	2271	Naphthalene, 1-bromo-	1
1054	1256	Naphthalene, decahydro-	1
1055	15378	Naphthalene, 1-methyl-	1
1056	1257	Naphthalene, 1,2,3,4-tetrahydro-	1
1057	32100	1-Naphthaleneacetic acid, butyl ester	1
1058	32098	1-Naphthaleneacetic acid, isopropyl ester	1
1059	32719	1-Naphthaleneacetic acid, 2-propynyl ester	1
1060	26067	2(1H)-Naphthalenone, octahydro-3,5,5,8,8-pentamethyl-	1
1061	32743	1-Naphthoic acid, isobutyl ester	1
1062	31050	1-Naphthoic acid, piperonyl ester	1
1063	30207	2-Naphthoic acid, 3-(allyloxy)-, methyl ester	1
1064	19697	1-Naphthol, benzoate	1
1065	81	2-Naphthol	1
1066	5563	2-Naphthol, 1,2,3,4-tetrahydro-	1
1067	20397	1-Naphthylamine, N-allyl-	1
1068	20321	1-Naphthylamine, N-ethyl-	1
1069	20320	1-Naphthylamine, N-propyl-	1
1070	26207-X	National Sticker, containing 40 percent of a mixture of ether-linked & cyclic acetal derivatives of sucrose in 60 percent methanol	1
1071	4859	Nonanal	1
1072	5949	2,4-Nonanediol	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1073	26107	Nonanoic acid, ester with hydracrylonitrile	1
1074	19610	2-Nonanol, 5-ethyl-, benzoate	1
1075	26092-X	Nopco NLZ, a mixture of alkyl-2-hydroxybenzophenones	2
1076	26424	2-Norbornanecarboxylic acid, 5,6-epoxy-, ethyl ester, endo-	1
1077	736	2-Norbornanone, 1,3,3-trimethyl-	1
1078	5928	5-Norbornene-2-carbonitrile, endo-	1
1079	3916	5-Norbornene-2,3-dicarboxylic acid, dimethyl ester, cis-	1
1080	32547	5-Norbornene-2,3-dicarboxylic acid, methyl-, diisobutyl ester, cis-endo-	1
1081	32421	5-Norbornene-2,3-dicarboxylic acid, methyl-, dipropyl ester, cis-endo-	1
1082	26535	5-Norbornene-2,3-dimethanol	1
1083	14380	2-Norpinene-2-ethanol, 6,6-dimethyl-, acetate	1
1084	31144	9,12-Octadecadien-1-ol	1
1085	26534	Octadecanoic acid, 9,10:12,13-diepoxy-, (5,6-dihydroxynorborn-2-yl)methyl ester	1
1086	26328	Octadecanoic acid, 9,10-epoxy-, allyl ester	1
1087	7620	9-Octadecen-1-ol, cis-	1
1088	5734	9-Octadecenylamine, N,N-dimethyl-	1
1089	942	1,6-Octadien-3-ol, 3,7-dimethyl-	1
1090	3961	Octanal	1
1091	5823	Octanal, 7-hydroxy-3,7-dimethyl-	1
1092	26660-X	Octanamide, N,N-dimethyl- (50 percent), mixture with N,N-dimethyldecanamide (40 percent) and related amides (10 percent).	1
1093	5916	2,4-Octanediol, 3-ethyl-	1
1094	4162	Octanoic acid	1
1095	31057	Octanoic acid, 2-methylcyclohexyl ester	1
1096	30979	Octanoic acid, propyl ester	1
1097	31024	Octanoic acid, o-tolyl ester	1
1098	31049	Octanoic acid, p-tolyl ester	1
1099	5598	2-Octanol	1
1100	24903	3-Octanol, 3,7-dimethyl-	1
1101	5617	2-Octanone	1
1102	26243	2-Octen-1-ol, 3-phenyl-	1
1103	26371	5-Octen-4-ol, 2,7-dimethyl-, acetate	1
1104	13180	4-Octyne-3,6-diol, 3,6-diisopropyl-2,7-dimethyl-	1
1105	7312	4-Octyne-3,6-diol, 3,6-dimethyl-	1
1106	21331-X	Oil, angelica root	1
1107	26446-X	Oil, imitation strawberry "Syntharome"	1
1108	26064-X	Oil, neatsfoot	1
1109	26706-X	Oil of bay, Extra	2
1110	26705-X	Oil of laurel leaf, Extra	2
1111	26701-X	Oil of mace, East Indian Extra	2
1112	26702-X	Oil of marjoram, Spanish	2
1113	26700-X	Oil of nutmeg, East Indian Extra	2
1114	26704-X	Oil of origanum, Extra	2
1115	26703-X	Oil of thyme, Red Extra	2
1116	26663-X	Oleamide, N,N-dimethyl- (80 percent), mixture with related amides (20 percent)	1
1117	26171	Oleic acid, propyl ester	1
1118	26699-X	Oleoresin capsicum, high pungency N.F.	1
1119	26919-X	Orthoformic acid, tris(decyl) ester (a mixture of decyl isomers)	1
1120	26918	Orthoformic acid, tris(2-ethylhexyl) ester	1
1121	32774	7-Oxabicyclo[2.2.1]hepta-2,5-diene-2,3-dicarboxylic anhydride	1
1122	26353	7-Oxabicyclo[4.1.0]heptane, 3-(epoxyethyl)-	1
1123	26364	7-Oxabicyclo[4.1.0]heptane-3-carbonitrile	1
1124	25021	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 4-methyl-, sec-butyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1125	32776	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic anhydride, 5,6-dichloro-	1
1126	26366	7-Oxabicyclo[4.1.0]heptane-3-methanol, 4-methyl-, acetate	1
1127	6013	Oxalic acid, diisopentyl ester	1
1128	6331	Palmitic acid, ethyl ester	1
1129	31717	Palmitic acid, 4-hydroxy-1,4-dimethyl-1-pentyl-2-nonynyl ester	1
1130	31760	Palmitic acid, 2-hydroxy-1-methylethyl ester, acetate	1
1131	31701	Palmitic acid, 3-hydroxy-1-methyloctyl ester	1
1132	26169-X	Palmitic acid, methyl ester, mixture with methyl oleate	1
1133	32399	1,4-Pentadien-3-one, 1,5-bis(m-hydroxyphenyl)-	1
1134	19571	Pentaerythritol	1
1135	3318	1,5-Pentanediol	1
1136	6407	1,5-Pentanediol, diformate	1
1137	2266	2,4-Pentanedione	1
1138	30915	1-Pentanol, 2,2-dimethyl-, benzoate	1
1139	26041	1-Pentanol, 2,2,4-trimethyl-	1
1140	6049	2-Pentanol, 4-methyl-, benzoate	2
1141	19593	3-Pentanol, benzoate	1
1142	21250	1-Penten-3-one, 1-(o-methoxyphenyl)-	1
1143	2267	Pentyl ether	2
1144	790	Phenanthrene	1
1145	5898	Phenethyl alcohol, p-butoxy-	1
1146	2949	Phenethyl alcohol, alpha,alpha-dimethyl-	1
1147	20604	Phenethyl alcohol, alpha-ethyl-alpha-methyl-	1
1148	21015	Phenethyl alcohol, alpha-methyl-3,4-(methylenedioxy)-	1
1149	3117	Phenethylamine	1
1150	8865	p-Phenetidine, 2-nitro-	1
1151	5616	Phenetole	1
1152	20952	Phenetole, o-allyl-	1
1153	17107	Phenol, o-allyl-	1
1154	26851	Phenol, 2-allyl-4-tert-butyl-	1
1155	17109	Phenol, 2-allyl-4-methoxy-	1
1156	21138	Phenol, 2-allyl-6-methoxy-, acetate	1
1157	86	Phenol, 4-allyl-2-methoxy-	2
1158	23236	Phenol, 4-allyl-2-methoxy-, benzoate	1
1159	8864	Phenol, 2-amino-4-nitro-	2
1160	26649	Phenol, 2,4-bis(1-methylbutyl)-	1
1161	19598	Phenol, p-bromo-, benzoate	1
1162	19705	Phenol, 2-bromo-4-tert-butyl-, benzoate	1
1163	20018	Phenol, 2-bromo-4-tert-butyl-, propionate	1
1164	20020	Phenol, 2-bromo-4-phenyl-, propionate	1
1165	21042	Phenol, 2-(2-butenyl)-4-methoxy-	1
1166	26292	Phenol, o-tert-butyl-	1
1167	3808	Phenol, p-tert-butyl-, benzoate	1
1168	19701	Phenol, 4-tert-butyl-2-chloro-, benzoate	1
1169	3806	Phenol, o-chloro-, benzoate	1
1170	3807	Phenol, p-chloro-, benzoate	1
1171	3271	Phenol, 2-chloro-6-phenyl-	1
1172	20025	Phenol, o-cyclohexyl-, propionate	1
1173	20056	Phenol, p-cyclohexyl-, propionate	2
1174	20065	Phenol, 2,4-di-tert-butyl-6-isopropyl-, propionate	1
1175	19599	Phenol, 2,4-dichloro-, benzoate	1
1176	20030	Phenol, 2,4-dichloro-, propionate	1
1177	26295	Phenol, 2,6-diisopropyl-	1
1178	20026	Phenol, p-(alpha,alpha-dimethylbenzyl)-, propionate	1
1179	19607	Phenol, 2,4-dinitro-, benzoate	1
1180	19608	Phenol, m-ethyl-, benzoate	1
1181	20054	Phenol, m-ethyl-, propionate	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1182	26063	Phenol, p-ethyl-	1
1183	19605	Phenol, p-ethyl-, benzoate	1
1184	5615	Phenol, o-methoxy-	1
1185	26846	Phenol, 2-methoxy-6-(2-methylallyl)-	1
1186	15356	Phenol, 2-methoxy-4-propenyl-	1
1187	31250	Phenol, 2-(2-methylallyl)-4,5-(methylenedioxy)-	1
1188	21101	Phenol, 3,4-(methylenedioxy)-, acetate	1
1189	30687	Phenol, 4,5-(methylenedioxy)-2-nitro-, benzoate	1
1190	19600	Phenol, o-nitro-, benzoate	1
1191	19603	Phenol, p-nitro-, benzoate	1
1192	30672	Phenol, p-nonyl-, benzoate	1
1193	134	Phenol, pentachloro-	1
1194	8608	Phenol, 2,4,5-trichloro-	1
1195	19601	Phenol, 2,4,5-trichloro-, benzoate	1
1196	38	Phenothiazine	1
1197	32721	Phthalaldehydic acid, butyl ester	1
1198	32750	Phthalaldehydic acid, isobutyl ester	1
1199	32755	Phthalaldehydic acid, 2-propynyl ester	1
1200	1398	Phthalamic acid, N-thiocarbamoyl-	1
1201	4273	Phthalic acid, bis(2-ethylhexyl) ester	1
1202	3176	Phthalic acid, diester with methyl lactate	1
1203	329	Phthalic acid, diethyl ester	1
1204	262	Phthalic acid, dimethyl ester	1
1205	32383	Phthalic acid, 3(or 4)-chloro-, diisopropyl ester	1
1206	7565	Phthalimide	1
1207	26676-X	Picoline (mixed isomers)	1
1208	15403	Picric acid	1
1209	26332	Piperazine, 1-phenyl-	1
1210	24114	Piperidine	1
1211	8009	Piperidine, 1-lauroyl-	1
1212	147	Piperonal	1
1213	20907	Piperonal, 6-allyl-	1
1214	5703	Piperonyl alcohol, acetate	1
1215	20415	Piperonyl alcohol, formate	1
1216	20909	Piperonyl alcohol, 6-allyl-, acetate	1
1217	20382	Piperonyl alcohol, alpha-butyl-	1
1218	20391	Piperonyl alcohol, alpha-butyl-, acetate	1
1219	20463	Piperonyl alcohol, alpha-tert-butyl-, acetate	1
1220	20416	Piperonyl alcohol, alpha-cyclohexyl-	1
1221	20462	Piperonyl alcohol, alpha-cyclohexyl-, benzoate	1
1222	20461	Piperonyl alcohol, alpha-cyclohexyl-, propionate	1
1223	20338	Piperonyl alcohol, alpha-isopropyl-	1
1224	20393	Piperonyl alcohol, alpha-pentyl-, acetate	1
1225	20736	Piperonyl alcohol, alpha-tert-pentyl-, acetate	1
1226	20430	Piperonyl alcohol, alpha-(3-phenylpropyl)-	1
1227	20089	Piperonyl alcohol, alpha-propyl-, acetate	1
1228	20090	Piperonyl alcohol, alpha-propyl-, propionate	1
1229	21038	Piperonyl alcohol, alpha-o-tolyl-, acetate	1
1230	20863	Piperonylamine, N-ethyl-	1
1231	20487	Pivalic acid, benzyl ester	1
1232	26040	Propane, 1,2,3-trichloro-	2
1233	26697	1,2-Propanediol, 3-(allyloxy)-	1
1234	1851	1,3-Propanediol	1
1235	26933	1,3-Propanediol, 2-[(allyloxy)methyl]-2-ethyl-	2
1236	26304	1-Propanol, 2,3-dibromo-	1
1237	32065	1-Propanol, 2,3-dibromo-, benzoate	1
1238	21016	1-Propanol, 2-methyl-3-[3,4-(methylenedioxy)phenyl]-	1
1239	18697	1-Propanol, 3-phenyl-, benzoate	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1240	22362	2-Propanol, 1-methoxy-, benzoate	1
1241	21374	2-Propanone, (1-cyclohexen-1-yl)-	1
1242	21217	Propionamide	1
1243	20377	Propionamide, 3-ethoxy-N,N-dipentyl-	1
1244	4167	Propionic acid	1
1245	24354	Propionic acid, ethyl ester	1
1246	8386	Propionic acid, m-tolyl ester	1
1247	21238	Propionic acid, 2-bromo-, 2-butoxyethyl ester	1
1248	21207	Propionic acid, 2-bromo-, hexyl ester	3
1249	18966	Propionic acid, 3-bromo-	1
1250	22002	Propionic acid, 3-bromo-, 2-cyclohexylethyl ester	1
1251	3140	Propionic acid, 2-chloro-, ester with lactic acid	1
1252	20522	Propionic acid, 3-ethoxy-, p-chlorobenzyl ester	1
1253	20398	Propionic acid, 3-ethoxy-, 5-hydroxypentyl ester	1
1254	32589	Propionic acid, 3,3'-thiodi-, dipropyl ester	1
1255	26057	Propionitrile, 3-(methylamino)-	1
1256	26303	Propionitrile, 3,3'-(methylimino)di-	1
1257	3719	Propiophenone, 4'-hydroxy-	1
1258	4094	Propiophenone, 4'-methoxy-	1
1259	4217	Propiophenone, 4'-methyl-	2
1260	25438	Propylamine, 3-methoxy-	1
1261	21790	2-Propyn-1-ol, benzoate	1
1262	26277-X	Protein hydrolyzate containing 5% copper as copper-protein complex	1
1263	20702	Pyran, tetrahydro-2-(piperonyloxy)-	1
1264	20400	Pyran-3-carboxaldehyde, 2-ethoxytetrahydro-, diethyl acetal	1
1265	21196	Pyran-2-methanol, tetrahydro-, benzoate	1
1266	21190	Pyran-2-methanol, tetrahydro-, formate	1
1267	21180	Pyran-2-methanol, tetrahydro-, propionate	1
1268	1240	Pyridine	1
1269	15287	Pyridine, 2-amino-	1
1270	26615	Pyridine, 2-(2-methoxyethyl)-	1
1271	26108-X	2-Pyridineethanol, reaction product with nonanoyl chloride	1
1272	3602	Pyrocatechol, diacetate	1
1273	6421	Pyrocatechol, dipropionate	1
1274	20371	Pyruvaldehyde, diisopropyl acetal	1
1275	11528	Quinaldine	1
1276	129	Quinhydrone	1
1277	1241	Quinoline	1
1278	5971	Quinoline, 1-acetyl-1,2,3,4-tetrahydro-	1
1279	21308	Quinoxaline	1
1280	6314	Resorcinol, diacetate	1
1281	31503	beta-Resorcylic acid, methyl ester	1
1282	2407	Salicylic acid	1
1283	5054	Salicylic acid, cyclohexyl ester	1
1284	513	Salicylic acid, ethyl ester	1
1285	378	Salicylic acid, isopentyl ester	1
1286	90	Salicylic acid, methyl ester	1
1287	5009	Salicylic acid, methyl ester, ethyl carbonate	1
1288	18426	Sodium, (N-chloro-p-toluenesulfonamido)-	1
1289	7835	Sodium benzoate	2
1290	31142	Sorbaldehyde	1
1291	32970	Sorbaldehyde, diethyl acetal	1
1292	20131	Sorbamide, N,N-diethyl-	2
1293	14851	Sorbic acid	1
1294	21792	Sorbic acid, allyl ester	1
1295	14767	Sorbic acid, benzyl ester	1
1296	21795	Sorbic acid, 2-bromoethyl ester	1
1297	21867	Sorbic acid, 2-butoxyethyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1298	5089	Sorbic acid, butyl ester	3
1299	21777	Sorbic acid, 2-chloroethyl ester	1
1300	21798	Sorbic acid, 2-ethylbutyl ester	1
1301	11732	Sorbic acid, ethyl ester	1
1302	21845	Sorbic acid, 2-ethylhexyl ester	1
1303	21799	Sorbic acid, 1-ethylpropyl ester	1
1304	21794	Sorbic acid, heptyl ester	1
1305	21797	Sorbic acid, hexyl ester	1
1306	21774	Sorbic acid, isobutyl ester	2
1307	21773	Sorbic acid, isopropyl ester	1
1308	21933	Sorbic acid, 3-methoxybutyl ester	1
1309	21796	Sorbic acid, 2-methoxyethyl ester	1
1310	30202	Sorbic acid, methyl ester	1
1311	30680	Sorbic acid, octadecyl ester	1
1312	21775	Sorbic acid, pentyl ester	2
1313	21847	Sorbic acid, phenethyl ester	1
1314	5088	Sorbic acid, propyl ester	1
1315	21793	Sorbic acid, 2-propynyl ester	1
1316	26241-X	Spreader-activator X-77, a mixture of alkylarylpoly(oxyethylene)-glycols and free fatty acids in isopropyl alcohol	1
1317	909	Stearic acid	1
1318	26170-X	Stearic acid, methyl ester, mixture with methyl palmitate	1
1319	6168	Succinamic acid, N,N-diethyl-, propyl ester	1
1320	3887	Succinic acid, dicyclohexyl ester	1
1321	6054	Succinic acid, dicyclopentyl ester	1
1322	2893	Succinic acid, diester with allyl lactate	1
1323	682	Succinic acid, diethyl ester	2
1324	2689	Succinic acid, dihexyl ester	1
1325	16170	Succinic acid, hexanoyl-, diethyl ester	1
1326	20891	Succinic acid, piperonyl-, diethyl ester	1
1327	31799	Succinic acid, (1,1,3,5-tetramethyl-2-octenyl)-, dibutyl ester	1
1328	31798	Succinic acid, (1,1,3,5-tetramethyl-2-octenyl)-, dipropyl ester	1
1329	24694	Succinic acid, (p,alpha,alpha-trimethylbenzyl)-	1
1330	8539	Succinimide	1
1331	2971	Succinimide, N-pentyl-	1
1332	71	Sucrose, octaacetate	1
1333	15414	Sulfanilic acid	1
1334	396	Tartaric acid, dibutyl ester	1
1335	683	Tartaric acid, diethyl ester	1
1336	3572	Tartaric acid, diisopropyl ester	1
1337	3573	Tartaric acid, dipentyl ester	1
1338	32466	Tartaric acid, dipropyl ester	1
1339	26662-X	Tetradecanamide, N,N-dimethyl- (95 percent), mixture with related amides (5 percent)	1
1340	3427	Thymol, acetate	1
1341	20554	o-Tolualdehyde, diethyl acetal	1
1342	20964	Toluene, 2-allyl-alpha-[2-(2-butoxyethoxy)ethoxy]-4,5-(methylenedioxy)-	1
1343	26435	Toluene, p-tert-butyl-	1
1344	26486	Toluene, m-chloro-	1
1345	26184	Toluene, 4-chloro-alpha,alpha,alpha-trifluoro-3-nitro-	1
1346	16311	Toluene, o-nitro-	1
1347	3717	Toluene-2,4-diamine	1
1348	32052	Toluene-alpha,alpha-diol, p-hydroxy-, p-acetate alpha,alpha-dipropionate	1
1349	32022	Toluene-alpha,alpha-diol, 4-hydroxy-3-methoxy-, triacetate	1
1350	32135	Toluene-alpha,alpha-diol, 4-hydroxy-3-methoxy-, tripropionate	1
1351	32023	Toluene-alpha,alpha-diol, o-methoxy-, diacetate	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1352	26478	p-Toluenesulfonic acid	1
1353	15626	m-Toluic acid	1
1354	30127	m-Toluic acid, allyl ester	1
1355	8604	m-Toluic acid, benzyl ester	1
1356	30107	m-Toluic acid, 2-bromoethyl ester	1
1357	30133	m-Toluic acid, 2-(2-butoxyethoxy)ethyl ester	1
1358	30466	m-Toluic acid, 2-butoxyethyl ester	2
1359	30095	m-Toluic acid, butyl ester	1
1360	30128	m-Toluic acid, sec-butyl ester	1
1361	31653	m-Toluic acid, tert-butyl ester	1
1362	30103	m-Toluic acid, 2-chloroethyl ester	2
1363	30110	m-Toluic acid, cyclohexyl ester	1
1364	30111	m-Toluic acid, cyclopentyl ester	1
1365	32068	m-Toluic acid, 2,3-dibromopropyl ester	1
1366	30145	m-Toluic acid, ethyl ester	1
1367	30149	m-Toluic acid, 1-ethylpentyl ester	1
1368	30129	m-Toluic acid, 1-ethylpropyl ester	1
1369	30109	m-Toluic acid, heptyl ester	1
1370	30108	m-Toluic acid, hexyl ester	2
1371	30096	m-Toluic acid, isobutyl ester	1
1372	30098	m-Toluic acid, isopentyl ester	1
1373	30094	m-Toluic acid, isopropyl ester	1
1374	30134	m-Toluic acid, 3-methoxybutyl ester	1
1375	30104	m-Toluic acid, 2-methoxyethyl ester	1
1376	24382	m-Toluic acid, methyl ester	1
1377	31650	m-Toluic acid, octyl ester	1
1378	30097	m-Toluic acid, pentyl ester	1
1379	30136	m-Toluic acid, phenethyl ester	1
1380	30135	m-Toluic acid, 3-phenylpropyl ester	1
1381	30093	m-Toluic acid, propyl ester	1
1382	30157	m-Toluic acid, tetrahydrofurfuryl ester	1
1383	31649	m-Toluic acid, p-tolyl ester	1
1384	16927	m-Toluic acid, 2-(2,4-dinitrophenoxy)-	1
1385	21872	m-Toluic acid, 2-ethoxy-, propyl ester	1
1386	15625	o-Toluic acid	1
1387	21490	o-Toluic acid, allyl ester	1
1388	21985	o-Toluic acid, 2-bromoethyl ester	1
1389	31194	o-Toluic acid, p-bromophenyl ester	1
1390	31229	o-Toluic acid, 2-butoxyethyl ester	1
1391	21491	o-Toluic acid, butyl ester	1
1392	30086	o-Toluic acid, sec-butyl ester	1
1393	31657	o-Toluic acid, tert-butyl ester	2
1394	21771	o-Toluic acid, 2-chloroethyl ester	1
1395	31188	o-Toluic acid, o-chlorophenyl ester	1
1396	31190	o-Toluic acid, p-chlorophenyl ester	1
1397	30088	o-Toluic acid, cyclohexyl ester	1
1398	30089	o-Toluic acid, cyclopentyl ester	1
1399	32067	o-Toluic acid, 2,3-dibromopropyl ester	1
1400	31207	o-Toluic acid, 2,4-dichlorophenyl ester	2
1401	31656	o-Toluic acid, 1,3-dimethylbutyl ester	1
1402	31388	o-Toluic acid, [2,2-dimethyl-3-(2-methylpropenyl)cyclopropyl]-methyl ester	1
1403	21986	o-Toluic acid, 2-ethylbutyl ester	1
1404	31654	o-Toluic acid, 1-ethylpentyl ester	1
1405	30078	o-Toluic acid, 1-ethylpropyl ester	1
1406	21988	o-Toluic acid, heptyl ester	1
1407	21768	o-Toluic acid, isobutyl ester	1
1408	21770	o-Toluic acid, isopentyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1409	21973	o-Toluic acid, 3-methoxybutyl ester	1
1410	21974	o-Toluic acid, 2-methoxyethyl ester	1
1411	2357	o-Toluic acid, methyl ester	1
1412	21769	o-Toluic acid, pentyl ester	1
1413	31659	o-Toluic acid, tert-pentyl ester	1
1414	31223	o-Toluic acid, phenethyl ester	1
1415	21492	o-Toluic acid, propyl ester	1
1416	31635	o-Toluic acid, 2-propynyl ester	1
1417	31643	o-Toluic acid, tetrahydrofurfuryl ester	1
1418	31196	o-Toluic acid, p-tolyl ester	1
1419	31193	o-Toluic acid, 2,4,5-trichlorophenyl ester	1
1420	15627	p-Toluic acid	1
1421	31633	p-Toluic acid, allyl ester	2
1422	8605	p-Toluic acid, benzyl ester	1
1423	31121	p-Toluic acid, 2-bromoethyl ester	1
1424	31648	p-Toluic acid, 2-(2-butoxyethoxy)ethyl ester	1
1425	31126	p-Toluic acid, 2-butoxyethyl ester	1
1426	31109	p-Toluic acid, butyl ester	2
1427	31646	p-Toluic acid, sec-butyl ester	1
1428	31119	p-Toluic acid, 2-chloroethyl ester	1
1429	31647	p-Toluic acid, cyclohexyl ester	1
1430	31645	p-Toluic acid, cyclopentyl ester	1
1431	32066	p-Toluic acid, 2,3-dibromopropyl ester	1
1432	31106	p-Toluic acid, ethyl ester	1
1433	31110	p-Toluic acid, isobutyl ester	1
1434	31124	p-Toluic acid, isopentyl ester	1
1435	31108	p-Toluic acid, isopropyl ester	1
1436	31125	p-Toluic acid, 2-methoxyethyl ester	1
1437	32985	p-Toluic acid, 2-methylbutyl ester	2
1438	4243	p-Toluic acid, methyl ester	1
1439	32982	p-Toluic acid, 1-methylheptyl ester	2
1440	31123	p-Toluic acid, pentyl ester	2
1441	31226	p-Toluic acid, phenethyl ester	1
1442	32111	p-Toluic acid, piperonyl ester	1
1443	31107	p-Toluic acid, propyl ester	2
1444	31356	p-Toluic acid, 2-propylheptyl ester	1
1445	31634	p-Toluic acid, 2-propynyl ester	1
1446	31644	p-Toluic acid, tetrahydrofurfuryl ester	1
1447	7422	m-Toluidine, alpha,alpha,alpha-trifluoro-	1
1448	26182	o-Toluidine, alpha,alpha,alpha-trifluoro-	1
1449	26313-X	Tung oil fraction (primarily cis-trans-trans-eleostearic acid)	1
1450	4987	5,9-Undecadien-2-one, 6,10-dimethyl-	3
1451	21126	Undecane	1
1452	3081	2-Undecanone	1
1453	3940	10-Undecenal	1
1454	30729	Undecyl alcohol, formate	2
1455	1202	Urea	1
1456	3582	Urea, thio-	1
1457	15432	Uric acid	1
1458	16105	Valeraldehyde	1
1459	8657	Valeric acid	1
1460	1270	Valeric acid, ethyl ester	1
1461	31361	Valeric acid, 2-ethyl-4-methyl-, propyl ester	1
1462	20878	Valeric acid, 4-hydroxy-, ethyl ester	1
1463	4327	Valeric acid, 4-hydroxy-, gamma-lactone	1
1464	26042	Valeric acid, 2-methyl-	1
1465	30029	Valeric acid, 2-methyl-, cyclohexyl ester	2
1466	30069	Valeric acid, 2-methyl-, 1-ethylpropyl ester	1

TABLE 1.--Continued

Item No.	Entomology No. (ENT-)	Material	Class
1467	30003	Valeric acid, 2-methyl-, isobutyl ester.....	1
1468	30091	Valeric acid, 2-methyl-, 2-methylcyclohexyl ester.....	2
1469	93	Vanillin.....	1
1470	8099	Veratraldehyde.....	1
1471	24181	Veratryl alcohol.....	1
1472	31462	Xanthic acid, ethyl-, methyl ester.....	1
1473	31465	Xanthic acid, ethyl-, 2-propynyl ester.....	1
1474	8916	m-Xylene.....	1
1475	21337	m-Xylene-alpha,alpha'-diol, 4,6-dimethyl-, diacetate.....	1
1476	21371	m-Xylene-alpha,alpha'-diol, 4,6-dimethyl-, dipropionate.....	1
1477	20662	m-Xylene-alpha,alpha'-diol, 4-methyl-, diacetate.....	1

	Item
CH_3NO	877
CH_3NO_2	1044
CH_4N_2O	1455
CH_4N_2S	1456
C_2H_4O	1
$C_2H_4O_2S \cdot NH$	33
C_2H_5NO	8, 878
$C_2H_5NO_2$	824
C_2H_6OS	1049
$C_2H_7NS \cdot HCl$	826
C_3H_3N	63
$C_3H_4O_2$	58
$C_3H_4O_4$	1009
$C_3H_5BrO_2$	1249
$C_3H_5Cl_3$	1232
$C_3H_6Br_2O$	1236
$C_3H_6O_2$	1244
C_3H_7NO	1242
$C_3H_8O_2$	1234
$C_3H_8O_3$	908
$C_4H_2O_3$	999
$C_4H_4O_4$	893
$C_4H_5NO_2$	1330
$C_4H_6Cl_4O$	854
C_4H_6O	597
$C_4H_6O_2$	15, 61, 559, 598, 1043
$C_4H_6O_4$	984
$C_4H_6O_5$	1000
$C_4H_8N_2$	1255
C_4H_8O	896
$C_4H_8OS_2$	1472
$C_4H_8O_2$	511, 515
C_4H_9NO	538, 1050
$C_4H_9NO_3$	504
$C_4H_{10}O$	532
$C_4H_{10}O_2$	497, 499, 500
$C_4H_{10}O_2S$	845
$C_4H_{11}NO$	501, 839, 1260
$C_4H_{12}N_2$	958
$C_5H_4N_4O_3$	1457
$C_5H_4O_2$	895
C_5H_5N	1268
$C_5H_6N_2$	1269
$C_5H_6O_2$	900
C_5H_8O	778
$C_5H_8O_2$	906, 1137, 1463
$C_5H_8O_3$	993
$C_5H_8O_4$	976
$C_5H_9BrO_2$	555
$C_5H_{10}O$	777, 1458
$C_5H_{10}O_2$	880, 901, 1245, 1459
$C_5H_{10}O_3$	564
$C_5H_{11}N$	1210
$C_5H_{12}O_2$	53, 1135
$C_5H_{12}O_4$	1134
$C_5H_{14}N_2$	1045
C_6HCl_5O	1193
$C_6H_3Cl_3O$	1194
$C_6H_3N_3O_7$	1208
$C_6H_4O_2$	465
C_6H_5Cl	147
$C_6H_6N_2O_3$	1159
$C_6H_6O_2$	961
$C_6H_6O_4S \cdot 1/2\ Zn$	171
C_6H_7N	74, 1207
$C_6H_7NO_3S$	1042, 1333
C_6H_8O	1290
$C_6H_8OS_2$	1473
$C_6H_8O_2$	1293
$C_6H_9ClO_4$	1251
$C_6H_{10}O$	947
$C_6H_{10}O_2$	516, 601
$C_6H_{10}O_3$	51, 923
$C_6H_{12}O$	687, 855, 857, 921, 951
$C_6H_{12}O_2$	556, 926, 1464
$C_6H_{12}O_3$	1233
$C_6H_{12}O_4$	986
$C_6H_{13}N$	920
$C_6H_{14}O_2$	498, 831, 924
$C_6H_{14}O_6$	905
$C_6H_{16}N_2$	859, 860, 861
$C_7H_3ClF_3NO_2$	1345
$C_7H_4BrNO_4$	215
$C_7H_4Cl_2O_2$	319
$C_7H_4N_2O_6$	328
$C_7H_5BrO_2$	214
$C_7H_5ClO_2$	220, 270
$C_7H_5F_3O$	589
$C_7H_5IO_2$	380
$C_7H_5NO_4$	414, 418, 419
$C_7H_6F_3N$	1447, 1448
$C_7H_6O_2$	124, 181, 466, 897
$C_7H_6O_2 \cdot Na$	1289
$C_7H_6O_3$	375, 376, 1282
C_7H_7Cl	1344
$C_7H_7ClNNaO_2S$	1288
C_7H_7NO	128
$C_7H_7NO_2$	206, 209, 1346
$C_7H_7NO_3$	107
$C_7H_7N_3O_3$	436
C_7H_8O	103, 590
$C_7H_8O_2$	1184
$C_7H_8O_3S$	169, 1352
C_7H_9NO	102, 1123
$C_7H_{10}Br_2O_2$	600
$C_7H_{10}Cl_2O_3$	996
$C_7H_{10}N_2$	1347
$C_7H_{10}O_2$	1310
$C_7H_{11}BrO_3$	16
$C_7H_{11}NO$	779
$C_7H_{11}N_3$	1256
$C_7H_{12}O$	710
$C_7H_{12}O_2$	59, 605
$C_7H_{12}O_3$	770, 902, 995, 1266
$C_7H_{12}O_4$	811, 964, 1136
$C_7H_{13}NO_3$	705
$C_7H_{14}O$	702, 704
$C_7H_{14}O_2$	14, 701, 944, 971, 973, 1460

	Item
$C_7H_{14}O_3$	804, 806, 979, 1462
$C_8H_4O_4$	1121
$C_8H_5NO_2$	1206
$C_8H_6Cl_2O_4$	1125
$C_8H_6N_2$	1279
$C_8H_6O_3$	1212
$C_8H_7ClO_2$	256, 300
$C_8H_7ClO_3$	23
C_8H_7N	962
$C_8H_7N_3O_3$	440
$C_8H_8O_2$	39, 57, 177, 192, 527, 879, 1353, 1386, 1420
$C_8H_8O_2S$	411
$C_8H_8O_3$	1286, 1469
$C_8H_8O_4$	1281
C_8H_9N	1078
$C_8H_9N_3O$	115
C_8H_{10}	1474
$C_8H_{10}Cl_2O_2$	29
$C_8H_{10}N_2O_3$	1150
$C_8H_{10}O$	480, 1151, 1182
$C_8H_{10}O_2$	842
$C_8H_{10}O_4$	535
$C_8H_{11}BrO_2$	1296
$C_8H_{11}ClO_2$	20, 1299
$C_8H_{11}N$	76, 494, 495, 1149
$C_8H_{11}NO$	1270
C_8H_{12}	711, 755, 756
$C_8H_{12}O$	694, 713
$C_8H_{12}O_2$	718, 917, 1122, 1301
$C_8H_{12}O_3$	775, 949
$C_8H_{12}O_4$	894
$C_8H_{13}ClO_3$	762
C_8H_{14}	758
$C_8H_{14}O$	708, 752, 915, 948
$C_8H_{14}O_2$	12, 641, 955
$C_8H_{14}O_3$	639, 765
$C_8H_{14}O_4$	814, 1323
$C_8H_{14}O_4S$	846
$C_8H_{14}O_6$	1335
C_8H_{16}	757
$C_8H_{16}O$	1090, 1101
$C_8H_{16}O_2$	821, 932, 945, 966, 1094
$C_8H_{16}O_2S$	548
$C_8H_{16}O_5$	985
$C_8H_{17}NO$	539
$C_8H_{18}N_2$	610
$C_8H_{18}O$	534, 1099, 1139
$C_8H_{18}O_3$	833
$C_8H_{19}N$	953
$C_8H_{19}NO$	838
$C_8H_{20}N_2$	496
$C_9H_6O_2$	586
$C_9H_7Cl_3O_2$	847
C_9H_7N	974, 1277
$C_9H_8BrClO_2$	223, 274
$C_9H_8ClNO_4$	427
$C_9H_8Cl_2O_2$	231, 282, 1176
$C_9H_8N_2O_3S$	1200
$C_9H_8O_2S$	379
$C_9H_8O_3$	910
$C_9H_8O_4$	377, 1188, 1215
$C_9H_9BrO_2$	830
C_9H_9ClO	849
$C_9H_9ClO_2$	178, 290, 468, 836
$C_9H_9NO_3$	201, 956
$C_9H_9NO_4$	415
$C_9H_{10}O$	583, 850, 1153
$C_9H_{10}O_2$	11, 43, 122, 188, 881, 1257, 1315, 1376, 1411, 1438
$C_9H_{10}O_3$	91, 331, 899, 1284, 1470
$C_9H_{11}NO_2$	112, 207
C_9H_{12}	168
$C_9H_{12}O$	471, 472, 474
$C_9H_{12}O_2$	153, 476, 1294
$C_9H_{12}O_3$	167, 1471
$C_9H_{13}N$	490
$C_9H_{13}NO$	827
$C_9H_{14}Cl_2O_4$	812
$C_9H_{14}O$	1241
$C_9H_{14}O_2$	599, 919, 1082, 1307, 1314
$C_9H_{14}O_3$	759, 950, 1309
$C_9H_{14}O_5$	907
$C_9H_{14}O_6$	981
$C_9H_{15}BrO_2$	623
$C_9H_{15}NO_2$	1331
$C_9H_{15}NO_4$	799
$C_9H_{16}O_2$	927
$C_9H_{16}O_3$	635, 768, 771, 1267
$C_9H_{16}O_4$	769, 813, 1010
$C_9H_{16}O_5$	987
$C_9H_{16}O_6$	817
$C_9H_{17}BrO_2$	1248
$C_9H_{17}BrO_3$	1247
$C_9H_{18}O$	1071
$C_9H_{18}O_3$	805, 937, 1235, 1274
$C_9H_{18}O_4$	978
$C_9H_{18}O_5$	982
$C_9H_{20}O_2$	1072
$C_9H_{21}AlO_3$	73
$C_{10}H_7Br$	1053
$C_{10}H_7ClO_2$	307
$C_{10}H_8$	1052
$C_{10}H_8O$	1065
$C_{10}H_8O_2$	1261
$C_{10}H_8O_4$	903, 904
$C_{10}H_9BrO_2$	117
$C_{10}H_9Br_2ClO_2$	238
$C_{10}H_9ClO_2$	221, 271
$C_{10}H_9N$	1275
$C_{10}H_{10}Br_2O_2$	1237
$C_{10}H_{10}Cl_2O_2$	232, 283, 321, 470
$C_{10}H_{10}O$	537
$C_{10}H_{10}O_2$	116, 163, 164, 182
$C_{10}H_{10}O_3$	139, 202
$C_{10}H_{10}O_4$	1204, 1214, 1272, 1280
$C_{10}H_{11}BrO_2$	1356, 1388, 1423
$C_{10}H_{11}ClO$	856
$C_{10}H_{11}ClO_2$	250, 265, 297, 306, 467, 1362, 1394, 1428
$C_{10}H_{11}ClO_3$	252, 299
$C_{10}H_{11}N_3O_3$	438, 448
$C_{10}H_{12}$	1048, 1056
$C_{10}H_{12}N_2O_2$	75
$C_{10}H_{12}O$	56, 104, 125, 517, 570, 852, 1066, 1259

Item

$C_{10}H_{12}O_2$ - - - - - - - - - - - - - - 41, 138, 198, 382, 479, 1047, 1155, 1157, 1186, 1246, 1258, 1366, 1432

$C_{10}H_{12}O_3$ - - - - - - - - - - 123, 356, 373, 378, 841, 843, 957, 1148

$C_{10}H_{12}O_4$ - - - - - - - - - - - - - - - - - 327

$C_{10}H_{13}NO$ - - - - - - - - - - - - - - - - - 10

$C_{10}H_{13}NO_2$ - - - - - - - - - - 208, 211, 1230

$C_{10}H_{14}N_2$ - - - - - - - - - - - - - - - - 1209

$C_{10}H_{14}O$ - - - 486, 712, 788, 1146, 1166

$C_{10}H_{14}O_2$ 5, 7

$C_{10}H_{14}O_3$ - - - - - - - - - - - - - - - - 1076

$C_{10}H_{14}O_4$ - - - - - - - - - - - - - - - - 737

$C_{10}H_{14}S$ - - - - - - - - - - - - - - - - 172

$C_{10}H_{15}N$ - - - - - - - - - - - - - - - - 493

$C_{10}H_{15}NO$ - - - - - - - - - - - - - - - - 829

$C_{10}H_{16}$ - - - - - - - - - 1030, 1031, 1032

$C_{10}H_{16}O$ - - - - - - - 526, 709, 1041, 1077

$C_{10}H_{16}O_2$ - - - - - - - - - 549, 717, 725, 965, 1033, 1298, 1306

$C_{10}H_{16}O_3$ - - - - - - - - - - - - 632, 1126

$C_{10}H_{16}O_4$ - - - - - - - - - - - - - - - - 808

$C_{10}H_{17}ClO_2$ - - - - - - - - - - - - - - - 644

$C_{10}H_{17}NO$ - - - - - - - - - - - - - - - - 1292

$C_{10}H_{18}$ - - - - - - - - - - - - - - - - 1054

$C_{10}H_{18}O$ - - - - - - - - - - - - - - - - 753, 1038, 1040, 1089

$C_{10}H_{18}O_2$ - - - - - - - - - - - - 603, 627, 629, 803, 943, 1105, 1291

$C_{10}H_{18}O_3$ - - - - - - - - 637, 761, 767, 972

$C_{10}H_{18}O_4$ 67, 988

$C_{10}H_{18}O_5$ - - - - - - - - - - - - - - - - 983

$C_{10}H_{18}O_6$ - - - - - - - - - - - - 1336, 1338

$C_{10}H_{20}O$ - - - - - - - - - - - - - - - - 790

$C_{10}H_{20}O_2$ - - - - - - - - - - - - - - 13, 1036, 1037, 1091, 1467

$C_{10}H_{20}O_4$ - - - - - - - - - - - - - - 933, 1253

$C_{10}H_{21}NO$ - - - - - - - - - - - - - - - - 1092

$C_{10}H_{22}O$ - - - - - - - - - 792, 1100, 1143

$C_{10}H_{22}O_2$ - - - - - - - - - - - - - - - - 1093

$C_{10}H_{23}NO$ - - - - - - - - - - - - - - - - 837

$C_{11}H_{10}$ - - - - - - - - - - - - - - - - - 1055

$C_{11}H_{10}O_2$ - - - - - - - - - 536, 1416, 1445

$C_{11}H_{10}O_3$ - - - - - - - - - - - - - - - - 1213

$C_{11}H_{11}ClO_3$ - - - - - - - - - - - - - - - - 22

$C_{11}H_{11}Cl_3O_3$ - - - - - - - - - - - - - - - 365

$C_{11}H_{11}NO_2$ - - - - - - - - - - - - - - - - 28

$C_{11}H_{12}Br_2O_2$ - - - - - - - - 1365, 1399, 1431

$C_{11}H_{12}O$ - - - - - - - - - - - - - - - - 529

$C_{11}H_{12}O_2$ - - - - - - - - - - 127, 142, 528, 577, 1354, 1387, 1421

$C_{11}H_{12}O_3$ - - - - - - - - 50, 78, 119, 120, 204, 205, 522, 571, 909, 1187

$C_{11}H_{12}O_4$ - - - - - - - - - - - - - - - - 179

$C_{11}H_{12}O_5$ - - - - - - - - - - - - - - - - 1287

$C_{11}H_{13}BrO_3$ - - - - - - - - - - - - - - - 333

$C_{11}H_{13}ClO_2$ - - - - - - - - 226, 227, 228, 247, 277, 278, 279, 295, 542

$C_{11}H_{13}ClO_3$ - - - - - - - 253, 288, 338, 369

$C_{11}H_{13}NO$ - - - - - - - - - - - - - - - - 1278

$C_{11}H_{13}NO_4$ - - - - - - - - - - - - - - - 437

$C_{11}H_{13}N_3O_3$ - - - - - - - - - - - - 423, 424

$C_{11}H_{14}O$ - - - - - - - - - - - - 595, 1152

Item

$C_{11}H_{14}O_2$ - - - - - - - - - - 47, 62, 133, 134, 143, 150, 185, 186, 404, 473, 475, 481, 482, 483, 513, 514, 520, 521, 525, 540, 561, 810, 1165, 1181, 1185, 1373, 1381, 1415, 1435, 1443.

$C_{11}H_{14}O_3$ - - - - - - - - - - 98, 121, 126, 216, 330, 345, 370, 381, 457, 840, 1223, 1238, 1240, 1375, 1410, 1436

$C_{11}H_{14}O_4$ - - - - - - - 898, 989, 1021, 1079

$C_{11}H_{14}O_5$ - - - - - - - - - - - - - - - 461

$C_{11}H_{15}NO_2$ - - - - - - - - - - - - - - 108, 210

$C_{11}H_{16}$ - - - - - - - - - - - - - - - - 1343

$C_{11}H_{16}O$ - - - - - - - - - - - - - - - - 105, 106, 484, 485, 593, 1147

$C_{11}H_{16}O_2$ - - - - - - - - - - 144, 151, 508

$C_{11}H_{16}O_3$ - - - - - - - - - - - - 715, 774

$C_{11}H_{16}O_4$ - - - - - - - - - - - - - - - - 606

$C_{11}H_{17}ClO_2$ - - - - - - - - - - - - - - - 630

$C_{11}H_{17}NO_2$ - - - - - - - - - - 491, 828

$C_{11}H_{18}O_2$ - - - - - 728, 730, 1303, 1312

$C_{11}H_{18}O_3$ - - - 729, 764, 994, 1199, 1308

$C_{11}H_{18}O_4$ - - - - - - - - - - - - - - - 776

$C_{11}H_{19}BrO_2$ - - - - - - - - - - - 668, 1250

$C_{11}H_{19}ClO_2$ - - - - - - - - - - - - - - - 670

$C_{11}H_{19}NO_2$ - - - - - - - - - - - - - - - - 27

$C_{11}H_{20}O$ - - - - - - - - - - - - 858, 1453

$C_{11}H_{20}O_2$ - - - - - - - - - - 60, 602, 624, 650, 653, 696, 698, 807, 969, 1034

$C_{11}H_{20}O_3$ - - - - - - - - - - - - - - - 651

$C_{11}H_{20}O_4$ - - - - - - - - - - - - 638, 801

$C_{11}H_{21}BrO_3$ - - - - - - - - - - - - - - - 941

$C_{11}H_{21}NO_2$ - - - - - - - - - - - - - - - 992

$C_{11}H_{21}NO_3$ - - - - - - - - - - - - - - - 1319

$C_{11}H_{22}O$ - - - - - - - - - - - - 706, 1452

$C_{11}H_{22}O_2$ - - - - - - - - - - - - - - - 546, 791, 1096, 1461, 1466

$C_{11}H_{22}O_3$ - - - - - - - - - - - - - 565, 934

$C_{11}H_{22}O_5$ - - - - - - - - - - - - - - - - 977

$C_{11}H_{24}$ - - - - - - - - - - - - - - - - 1451

$C_{11}H_{24}ClN$ - - - - - - - - - - - - - - - 533

$C_{11}H_{24}O$ - - - - - - - - - - - - - - - - 914

$C_{12}H_8O$ - - - - - - - - - - - - - 793, 1177

$C_{12}H_9ClO$ - - - - - - - - - - - - - - - - 1171

$C_{12}H_9N$ - - - - - - - - - - - - - - - - 562

$C_{12}H_9NS$ - - - - - - - - - - - - - - - - 1196

$C_{12}H_{10}O_3S$ - - - - - - - - - - - - - - - 170

$C_{12}H_{10}O_4$ - - - - - - - - - - - - - - - - 1276

$C_{12}H_{11}Cl_5O_2$ - - - - - - - - - - - - - - - 314

$C_{12}H_{11}NO_2$ - - - - - - - - - - - - - - 54, 55

$C_{12}H_{12}Cl_4O_2$ - - - - - - - - - - - - - - - 281

$C_{12}H_{12}O_4$ - - - - - - - - - - - - - - - - 604

$C_{12}H_{13}ClO_2$ - - - - - - - - - - - - - 236, 285

$C_{12}H_{13}ClO_3$ - - - - - - - 19, 21, 267, 308

$C_{12}H_{13}ClO_4$ - - - - - - - - - - - - - - - 816

$C_{12}H_{13}Cl_3O_2$ - - - - - - - - - - - - - - - 410

$C_{12}H_{13}N$ - - - - - - - - - - - - - - - - 1068

$C_{12}H_{13}NO_5$ - - - - - - - - - - - - - - - 450

$C_{12}H_{13}N_3O_3$ - - - - - - - - - - - - - - - 432

$C_{12}H_{13}N_3O_4$ - - - - - - - - - - - - - - - 441

$C_{12}H_{14}Br_2O_2$ - - - - - - - - - - - - - - - 507

$C_{12}H_{14}O$ - - - - - - - - - - - - 531, 848

$C_{12}H_{14}O_2$ - - - - - - - - - 581, 584, 1142

Item

$C_{12}H_{14}O_3$ - - - - - - - - - - - 52, 118, 367, 413, 1156, 1197, 1198

$C_{12}H_{14}O_4$ - - - - - - - 34, 69, 1203, 1273

$C_{12}H_{14}O_5$ - - - - - - - - - - - 1011, 1351

$C_{12}H_{15}BrO_2$ - - - - - - - - - - - - - 385

$C_{12}H_{15}ClO_2$ - - - - - - - - - - - - - 248, 258, 293, 296, 302, 388

$C_{12}H_{15}ClO_3$ - - - - - - - - - - - 339, 1252

$C_{12}H_{15}ClO_4$ - - - - - - - - - - - 251, 298

$C_{12}H_{15}NO_4$ - - - - - - - - - - - - - 109

$C_{12}H_{16}Cl_2O_4$ - - - - - - - - - - - - - 732

$C_{12}H_{16}O$ - - - - - - - - - - - - - - - 707

$C_{12}H_{16}O_2$ - - - - - - - - - 148, 149, 190, 195, 394, 477, 552, 975, 1141, 1231, 1340, 1359, 1360, 1361, 1371, 1391, 1392, 1393, 1407, 1426, 1427, 1433.

$C_{12}H_{16}O_3$ - - - - - - - - - - - - - - - 79, 90, 351, 371, 374, 503, 1024, 1217, 1285.

$C_{12}H_{16}O_4$ - - - - - - - - - - - - - - - 36, 372

$C_{12}H_{16}O_5$ - - - - - - - - - - - - - - - 460

$C_{12}H_{17}Cl_3O_2$ - - - - - - - - - - - - - - 49

$C_{12}H_{17}N$ - - - - - - - - - - - - - - - 754

$C_{12}H_{17}NO_2$ - - - - - - - - - - - - - - 111

$C_{12}H_{18}$ - - - - - - - - - - - - - - 166, 608

$C_{12}H_{18}O_2$ - - - - - - - - - - - - - - 6, 152, 154, 685, 835, 970, 1145, 1341.

$C_{12}H_{18}O_3$ - - - - - - - - - - - - - - - - - 77

$C_{12}H_{18}O_4$ - - - - - - - - - - - - - - 66, 735

$C_{12}H_{18}O_7$ - - - - - - - - - - - - - - - 563

$C_{12}H_{19}BrO_2$ - - - - - - - - - - - - - - - 17

$C_{12}H_{19}Cl_3O_2$ - - - - - - - - - - - - - 621

$C_{12}H_{20}O$ - - - - - - - - - - - - - - - 692

$C_{12}H_{20}O_2$ - - - - - - - - - - 721, 722, 727, 1039, 1300, 1305

$C_{12}H_{20}O_3$ - - - - - - - 654, 763, 1124, 1297

$C_{12}H_{21}BrO_2$ - - - - - - - - - - - - - - - 613

$C_{12}H_{21}ClO_2$ - - - - - - - - - - 614, 631, 671

$C_{12}H_{21}NO_2$ - - - - - - - - - - - - - - - 1073

$C_{12}H_{22}O_2$ - - 617, 643, 648, 1103, 1465

$C_{12}H_{22}O_3$ - - - - - - - - - - - 502, 640, 940

$C_{12}H_{22}O_4$ - - - - - - - - - - - - - - - 68, 1127

$C_{12}H_{22}O_4S$ - - - - - - - - - - - - - - - 1254

$C_{12}H_{22}O_5$ - - - - - - - - - - - - - - - 1002

$C_{12}H_{22}O_6$ - - - - - - - - - - - - - - - 1334

$C_{12}H_{23}NO$ - - - - - - - - - - - - - - - 609

$C_{12}H_{24}O_2$ - - - - - - - - - - - - - 942, 1454

$C_{12}H_{24}O_3$ - - - - - - - - - - - - - - - 547

$C_{12}H_{24}O_4$ - - - - - - - - - - - - - - - 1264

$C_{12}H_{25}NO$ - - - - - - - - - - - - - - - 9, 922

$C_{12}H_{26}O$ - - - - - - - - - - - - - - 820, 954

$C_{13}H_3Cl_7O_2$ - - - - - - - - - - - - - 317, 323

$C_{13}H_4Cl_5NO_4$ - - - - - - - - - - - - - - 444

$C_{13}H_4Cl_6O_2$ - - - - - - - - - - - - - - 301

$C_{13}H_6Cl_3NO_4$ - - - - - - - - - - - - - - 454

$C_{13}H_7BrCl_2O_2$ - - - - - - - - - - - - - - 312

$C_{13}H_7Cl_2NO_4$ - - - - - - - - - - 316, 322, 433

$C_{13}H_7Cl_3O_2$ - - - - - - - - - 315, 320, 1195

$C_{13}H_7N_3O_8$ - - - - - - - - - - - - - - - 434

$C_{13}H_8BrClO_2$ - - - - - - - - - - - - - - - 224

$C_{13}H_8BrNO_4$ - - - - - - - - - - - - - - - 422

Item

$C_{13}H_8ClNO_4$ - - - - - - - - - - - - 428, 429

$C_{13}H_8Cl_2O_2$ - - - - - - - - - 233, 234, 1175

$C_{13}H_8N_2O_6$ - - - - - - - - - 442, 443, 1179

$C_{13}H_9BrO_2$ - - - - - - - - - - - - - - - - 1161

$C_{13}H_9ClO_2$ - - - - - - - - - 261, 1169, 1170

$C_{13}H_9NO_4$ - - - - - - - - - 445, 1190, 1191

$C_{13}H_{10}$ - - - - - - - - - - - - - - - - - 876

$C_{13}H_{10}Cl_2N_2O$ - - - - - - - - - - - - 318, 324

$C_{13}H_{10}O$ - - - - - - - - - - - - - - - - 464

$C_{13}H_{10}O_2$ - - - - - - - - - - - - - - - - 196

$C_{13}H_{11}ClN_2O$ - - - - - - - - - - - - - - 262

$C_{13}H_{11}N_3O_3$ - - - - - - - - - - - - 416, 446

$C_{13}H_{12}N_2$ - - - - - - - - - - - - - - - - 114

$C_{13}H_{12}N_2O$ - - - - - - - - - - - - - - - 197

$C_{13}H_{12}O_3$ - - - - - - - - - - - - - - - - 137

$C_{13}H_{13}N$ - - - - - - - - - - - - - - - - - 1067

$C_{13}H_{14}O_2$ - - - - - - - - - - 161, 918, 1295

$C_{13}H_{14}O_3$ - - - - - - - - - - - - - - - - 959

$C_{13}H_{14}O_4$ - - - - - - - - - - - - 783, 1216

$C_{13}H_{15}ClO_2$ - - - - - - - - - - - - 235, 284

$C_{13}H_{15}ClO_4$ - - - - - - - - - - - - - - - 24

$C_{13}H_{15}N$ - - - - - - - - - - - - - - - - 1069

$C_{13}H_{15}N_3O_3$ - - - - - - - - - - - - - - - 431

$C_{13}H_{16}O_2$ - - - - - - - - - - 40, 383, 573, 574, 579, 582, 1364, 1398, 1430.

$C_{13}H_{16}O_3$ - - - - - - - - - - 135, 136, 203, 576, 580, 760, 1265, 1283, 1382, 1417, 1446.

$C_{13}H_{16}O_4$ - - - - - - - - - - - - - - 30, 180, 1227, 1263, 1477

$C_{13}H_{16}O_5$ - - - - - - - - - - - - - - - - 81

$C_{13}H_{17}BrO_2$ - - - - - - - - - - - - - - - 1163

$C_{13}H_{17}ClO_2$ - - - - - - - - - 241, 246, 257, 289, 294, 929

$C_{13}H_{17}ClO_3$ - - - - - - - - - - - - 225, 276

$C_{13}H_{17}N_3O_3$ - - - - - - - - - - - - - - - 435

$C_{13}H_{18}O$ - - - - - - - - - - - - - - - - 510, 688, 851, 1154

$C_{13}H_{18}O_2$ - - - - - - - - - 158, 189, 218, 400, 408, 512, 591, 1140, 1368, 1372, 1378, 1405, 1408, 1412, 1413, 1434, 1437, 1440.

$C_{13}H_{18}O_3$ - - - - - - - - - - 18, 37, 335, 349, 403, 458, 509, 832, 1020, 1023, 1027, 1374, 1385, 1409.

$C_{13}H_{19}NO$ - - - - - - - - - - - - - - - 131

$C_{13}H_{19}NO_2$ - - - - - - - - - - - - 110, 139

$C_{13}H_{20}O$ - - - - - - - - - - 505, 530, 946

$C_{13}H_{20}O_2$ - - - - - - - - - - - - - - - 162, 723, 780, 1083

$C_{13}H_{20}O_3$ - - - - - - - - - - - - - - - 716

$C_{13}H_{20}O_8$ - - - - - - - - - - - - - - - 990

$C_{13}H_{22}O$ - - - - - - - - - - - - - - - 1450

$C_{13}H_{22}O_2$ - - - - - - - - - - - - 611, 625, 646, 785, 1304

$C_{13}H_{22}O_4$ - - - - - - - - - - - - - - - 818

$C_{13}H_{23}NO_2$ - - - - - - - - - - - - - 25, 26

$C_{13}H_{23}NO_3$ - - - - - - - - - - - - - - - 622

$C_{13}H_{24}O_2$ - - - - - - - - - - 551,558, 619, 626,649,652,795, 939, 967,968,1468.

$C_{13}H_{24}O_3$ - - - - - - - - - - - 620,674,766

$C_{13}H_{24}O_4$ - - - - - - - - - - - - - - - 634

Item

$C_{13}H_{25}NO$ - - - - - - - - - - - - - - - 666
$C_{13}H_{25}NO_3$ - - - - - - - - - - - - - - - 64, 65
$C_{13}H_{26}O_2$ - - - - - - - - - - - - - - - 2
$C_{13}H_{26}O_3$ - - - - - - - - - - - - - - - 911, 980
$C_{14}H_7Cl_5O_3$ - - - - - - - - - - - - - - - 93
$C_{14}H_9BrO_3$ - - - - - - - - - - - - - - - 213
$C_{14}H_9Br_3O_3$ - - - - - - - - - - - - - - - 100
$C_{14}H_9ClO_3$ - - - - - - - - - - - - - - - 310
$C_{14}H_9Cl_3O_2$ - - - - - - - - - - - - - - - 1419
$C_{14}H_9Cl_3O_3$ - - - - - - - - - - - - - - - 101
$C_{14}H_9Cl_5$ - - - - - - - - - - - - - - - 825
$C_{14}H_9NO_6$ - - - - - - - - - - - - - - - 1189
$C_{14}H_{10}$ - - - - - - - - - - - - - - - 1144
$C_{14}H_{10}ClN_3O_3$ - - - - - - - - - - - - - - - 426
$C_{14}H_{10}Cl_2O_2$ - - - - - - - - - - - - - - - 230, 1400
$C_{14}H_{10}Cl_2O_3$ - - - - - - - - - - - - - - - 88
$C_{14}H_{10}N_2O_6$ - - - - - - - - - - - - - - - 594
$C_{14}H_{10}N_2O_7$ - - - - - - - - - - - - - - - 1384
$C_{14}H_{10}O_2$ - - - - - - - - - - - - - - - 174
$C_{14}H_{10}O_3$ - - - - - - - - - - - - - - - 212
$C_{14}H_{10}O_4S_2$ - - - - - - - - - - - - - - - 329
$C_{14}H_{11}BrO_2$ - - - - - - - - - - - - - - - 1389
$C_{14}H_{11}BrO_3$ - - - - - - - - - - - - - - - 82, 83
$C_{14}H_{11}ClO_2$ - - - - - - - - 222, 268, 269, 272, 469, 1395, 1396
$C_{14}H_{11}ClO_3$ - - - - - - - - - - - - - - - 85
$C_{14}H_{11}NO_4$ - - - - - - - - - 325, 326, 420, 451, 452, 453
$C_{14}H_{11}NO_5$ - - - - - - - - - - - - - - - 92
$C_{14}H_{11}N_3O_3$ - - - - - - - - - - - - - - - 421
$C_{14}H_{12}N_2O$ - - - - - - - - - - - - - - - 184
$C_{14}H_{12}N_2O_4$ - - - - - - - - - - - - - - - 417, 449
$C_{14}H_{12}O_2$ - - - - - - - - - 183, 199, 463
$C_{14}H_{12}O_3$ - - - - - - - - - - - - - - - 95, 175
$C_{14}H_{14}$ - - - - - - - - - - - - - - - 823
$C_{14}H_{14}N_2O_2$ - - - - - - - - - - - - - - - 96
$C_{14}H_{16}O_2$ - - - - - - - - - - - - - - - 1313
$C_{14}H_{16}O_4$ - - - - - - - - - - - - - - - 523, 952
$C_{14}H_{16}O_7$ - - - - - - - - - - - - - - - 1349
$C_{14}H_{17}ClO_2$ - - - - - - - - - - - - - - - 254, 255
$C_{14}H_{17}ClO_4$ - - - - - - - - - - - - - - - 1205
$C_{14}H_{18}O_2$ - - - - - - - - - 113, 553, 703, 1363, 1397, 1429
$C_{14}H_{18}O_3$ - - - - - - - - - - - - - - - 48, 80, 86, 159, 343, 607, 1220
$C_{14}H_{18}O_4$ - - - - - - - - - - - - - - - 38, 519, 733, 786, 960, 1218, 1219, 1228, 1329, 1475.
$C_{14}H_{19}ClO_2$ - - - - - - - - - - - - - - - 240, 244, 245, 287, 292
$C_{14}H_{20}O$ - - - - - - - - - - - - - - - 1102
$C_{14}H_{20}O_2$ - - - - - - - - - - - - - - - 44, 145, 156, 219, 386, 387, 398, 592, 596, 802, 913, 1138, 1370, 1401, 1403.
$C_{14}H_{20}O_3$ - - - - - - - - - - - - - - - 347, 350, 392, 1015, 1019, 1022, 1028, 1358, 1390, 1425
$C_{14}H_{20}O_4$ - - - - - - - - - - - - - - - 32, 560
$C_{14}H_{22}O$ - - - - - - - - - - - - - - - 714
$C_{14}H_{22}O_2$ - - - - - - - - - - - - - - - 146, 695
$C_{14}H_{22}O_4$ - - - - - - - - - - - - - - - 731, 738, 1321
$C_{14}H_{23}BrO_2$ - - - - - - - - - - - - - - - 739
$C_{14}H_{23}ClO_2$ - - - - - - - - - - - - - - - 744
$C_{14}H_{23}N$ - - - - - - - - - - - - - - - 489

Item

$C_{14}H_{24}O_2$ - - - - - - - - - - - - - - - 541, 545, 554, 645, 673, 693, 724, 745, 789, 963, 1302.
$C_{14}H_{24}O_3$ - - - - - - - - - - - - - - - 686, 720
$C_{14}H_{24}O_4$ - - - - - - - - - - - - - - - 1035
$C_{14}H_{24}O_5$ - - - - - - - - - - - - - - - 1325
$C_{14}H_{24}O_6$ - - - - - - - - - - - - - - - 815
$C_{14}H_{25}ClO_2$ - - - - - - - - - - - - - - - 659
$C_{14}H_{26}O_2$ - - - - - - - - - - - - - - - 4, 628, 663, 676, 678, 681, 798, 809
$C_{14}H_{26}O_3$ - - - - - - - - - - - - - - - 636
$C_{14}H_{26}O_4$ - - - - - - - - - - - - - - - 557
$C_{14}H_{26}O_5$ - - - - - - - - - 1001, 1003, 1004
$C_{14}H_{26}O_6$ - - - - - - - - - - - - - - - 1337
$C_{14}H_{29}NO$ - - - - - - - - - - - - - - - 819
$C_{14}H_{30}O_7$ - - - - - - - - - - - - - - - 1007
$C_{15}H_{11}ClO_4$ - - - - - - - - - - - - - - - 264, 305
$C_{15}H_{11}Cl_3O_3$ - - - - - - - - - - - - - - - 366
$C_{15}H_{11}NO_4$ - - - - - - - - - - - - - - - 456
$C_{15}H_{11}N_3O_5$ - - - - - - - - - - - - - - - 447
$C_{15}H_{12}Cl_2O_3$ - - - - - - - - - - - - - - - 344
$C_{15}H_{12}O$ - - - - - - - - - - - - - - - 567
$C_{15}H_{12}O_2$ - - - - - - - - - - - - - - - 1059
$C_{15}H_{12}O_4$ - - - - - - - - - - - - - - - 1046
$C_{15}H_{13}BrO_2$ - - - - - - - - - - - - - - - 1164
$C_{15}H_{13}ClO_2$ - - - - - - - - - - 173, 259, 303
$C_{15}H_{13}ClO_3$ - - - - - - - 260, 304, 340, 341
$C_{15}H_{13}NO_3$ - - - - - - - - - - - - - - - 412
$C_{15}H_{13}N_3O_3$ - - - - - - - - - - - - - - - 439
$C_{15}H_{14}Cl_2O$ - - - - - - - - - - - - - - - 853
$C_{15}H_{14}N_2O$ - - - - - - - - - - - - - - - 191
$C_{15}H_{14}O_2$ - - - - - - - - 1180, 1183, 1355, 1383, 1418, 1422
$C_{15}H_{14}O_3$ - - - - - - - - - 99, 359, 478, 844, 1063.
$C_{15}H_{16}O_2$ - - - - - - - - - - - - - 1058, 1061
$C_{15}H_{16}O_6$ - - - - - - - - - - - - - - - 1013
$C_{15}H_{17}N$ - - - - - - - - - - - - - - - 794
$C_{15}H_{18}O_2$ - - - - - - - - - - - - - - - 719
$C_{15}H_{18}O_4$ - - - - - - - - - - - - - - - 524
$C_{15}H_{18}O_6$ - - - - - - - - - - - - - - - 1348
$C_{15}H_{20}O$ - - - - - - - - - - - - - - - 572
$C_{15}H_{20}O_2$ - - - - - - - - - - 141, 390, 518, 642, 655, 1172, 1173
$C_{15}H_{20}O_3$ - - - - - - - - - - - - - - - 409
$C_{15}H_{20}O_4$ - - - - - - - - - 1012, 1224, 1225
$C_{15}H_{20}O_7$ - - - - - - - - - - - - - - - 585
$C_{15}H_{21}ClO_4$ - - - - - - - - - - - - - - - 275
$C_{15}H_{22}O_2$ - - - - - - - - - - - - - - - 42, 157, 160, 194, 399, 405, 506, 588, 751, 796, 1097, 1098, 1367, 1369, 1404, 1406.
$C_{15}H_{22}O_3$ - - - - - - - - - - - - - - - 217, 1018
$C_{15}H_{22}O_4$ - - - - - - - - - - - - - - - 402, 834
$C_{15}H_{23}NO$ - - - - - - - - - - - - - - - 129
$C_{15}H_{24}O_4$ - - - - - - - - - - - - - - - 1005
$C_{15}H_{25}NO_2$ - - - - - - - - - - - - - - - 488
$C_{15}H_{26}O$ - - - - - - - - - - - - - - - 566, 1060
$C_{15}H_{26}O_2$ - - - - - - - - - 616, 656, 672, 747, 750, 797.
$C_{15}H_{26}O_3$ - - - - - - - - - - - - - - - 748

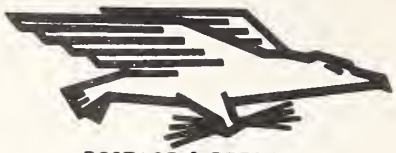
	Item
$C_{15}H_{28}O_2$	647, 664, 677, 700, 935, 936, 1095
$C_{15}H_{28}O_3$	669
$C_{15}H_{30}N_6O_6$	1029
$C_{15}H_{31}NO_2$	1243
$C_{16}H_{12}Cl_2O_4$	242
$C_{16}H_{13}N_3O_3$	430
$C_{16}H_{14}Cl_2O_3$	176
$C_{16}H_{14}N_2O$	187
$C_{16}H_{14}O_2$	568
$C_{16}H_{14}O_4$	46, 1442
$C_{16}H_{14}O_5$	97
$C_{16}H_{15}ClO_2$	263
$C_{16}H_{16}O_2$	45, 1239, 1379, 1414, 1441
$C_{16}H_{16}O_3$	89, 94, 332, 362, 363, 364, 368
$C_{16}H_{16}O_4$	35
$C_{16}H_{18}O_2$	1057
$C_{16}H_{18}O_8$	1202
$C_{16}H_{20}O_6$	1326
$C_{16}H_{21}ClO_2$	249
$C_{16}H_{22}O_2$	389, 667, 697, 699
$C_{16}H_{22}O_3$	354, 355, 938
$C_{16}H_{22}O_4$	787, 800, 1476
$C_{16}H_{22}O_8$	1322
$C_{16}H_{23}IO_2$	822
$C_{16}H_{24}O_2$	193, 393, 397, 1377, 1439
$C_{16}H_{24}O_3$	346, 348, 1016, 1017, 1026
$C_{16}H_{24}O_4$	3, 391, 1081, 1357, 1424
$C_{16}H_{26}$	165
$C_{16}H_{26}O$	1160
$C_{16}H_{26}O_4$	734, 736, 1320
$C_{16}H_{28}O_2$	543, 615, 680, 726, 742, 743, 746
$C_{16}H_{28}O_4$	544
$C_{16}H_{30}O_2$	618, 928, 1104
$C_{16}H_{30}O_4$	1324
$C_{16}H_{32}$	916
$C_{16}H_{33}NO$	1339
$C_{17}H_{12}O_2$	1064
$C_{17}H_{14}O_3$	569, 1133
$C_{17}H_{15}Cl_3O_2$	313
$C_{17}H_{16}O_3$	1158
$C_{17}H_{16}O_4$	1229
$C_{17}H_{16}O_5$	361
$C_{17}H_{17}BrO_2$	1162
$C_{17}H_{17}ClO_2$	1168
$C_{17}H_{17}NO_4$	425
$C_{17}H_{18}N_2O_4$	1008
$C_{17}H_{18}O_2$	140, 384, 487, 1167, 1380
$C_{17}H_{18}O_3$	358, 1226
$C_{17}H_{18}O_4$	31, 353
$C_{17}H_{21}ClO_2$	239
$C_{17}H_{22}O_2$	784
$C_{17}H_{22}O_3$	781
$C_{17}H_{22}O_4$	1222
$C_{17}H_{22}O_7$	1350

	Item
$C_{17}H_{24}O_2$	612, 682, 689, 690, 691
$C_{17}H_{24}O_3$	342, 683
$C_{17}H_{25}ClO_2$	237, 266, 286
$C_{17}H_{26}O_2$	155, 396, 912
$C_{17}H_{26}O_3$	455, 1025
$C_{17}H_{26}O_5$	334
$C_{17}H_{30}O_2$	661, 749
$C_{17}H_{30}O_3$	665
$C_{17}H_{30}O_6$	633
$C_{17}H_{33}NO$	1211
$C_{18}H_{18}O_7$	462
$C_{18}H_{20}O_2$	406, 1178
$C_{18}H_{20}O_3$	84, 360, 401
$C_{18}H_{24}O_2$	1402
$C_{18}H_{24}O_4$	773
$C_{18}H_{24}O_6$	550
$C_{18}H_{26}O_2$	684
$C_{18}H_{26}O_3$	352
$C_{18}H_{27}ClO_2$	243, 291, 309
$C_{18}H_{28}O_2$	200, 395, 587, 1074, 1444
$C_{18}H_{28}O_4$	1080
$C_{18}H_{31}NO_2$	492
$C_{18}H_{32}O_2$	660, 679, 930, 997
$C_{18}H_{32}O_3$	741
$C_{18}H_{34}O$	1084
$C_{18}H_{34}O_3$	658
$C_{18}H_{36}O$	1087
$C_{18}H_{36}O_2$	1128, 1317
$C_{18}H_{36}O_3$	991
$C_{19}H_{14}Cl_6O_4$	311
$C_{19}H_{14}O_4$	1062
$C_{19}H_{16}Cl_4O_4$	273
$C_{19}H_{16}O_3$	357
$C_{19}H_{22}O_2$	407
$C_{19}H_{22}O_3$	337
$C_{19}H_{24}O_2$	575
$C_{19}H_{26}O_2$	772
$C_{19}H_{28}O_2$	657
$C_{19}H_{28}O_5$	1342
$C_{19}H_{29}ClO_2$	229, 280
$C_{19}H_{40}O_4$	1006
$C_{20}H_{15}NO_3$	132
$C_{20}H_{22}O_3$	87
$C_{20}H_{22}O_4$	925
$C_{20}H_{24}O_4$	998
$C_{20}H_{28}O_2$	782
$C_{20}H_{32}O_2$	1174
$C_{20}H_{32}O_3$	1014
$C_{20}H_{36}O_2$	1051
$C_{20}H_{36}O_4$	740
$C_{20}H_{38}O_2$	675
$C_{20}H_{39}NO$	1116
$C_{20}H_{41}N$	1088
$C_{21}H_{22}O_4$	1221
$C_{21}H_{34}O_3$	336
$C_{21}H_{38}O_3$	1086
$C_{21}H_{40}O_2$	1117
$C_{21}H_{40}O_4$	1130
$C_{22}H_{26}O_6S$	459
$C_{22}H_{28}O_2$	1192

	Item
$C_{22}H_{40}O_4$	1328
$C_{22}H_{41}NO_5$	931
$C_{24}H_{38}O_4$	1201
$C_{24}H_{44}O_2$	1311
$C_{24}H_{44}O_4$	1327
$C_{25}H_{40}O_2$	578
$C_{25}H_{50}O_3$	1131
$C_{25}H_{52}O_3$	1120
$C_{26}H_{44}O_6$	1085
$C_{26}H_{46}O_4$	662
$C_{28}H_{38}O_{19}$	1332
$C_{31}H_{64}O_3$	1119
$C_{32}H_{60}O_3$	1129

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Beltsville, Maryland 20705

Official Business



5510 USNACU A422 03C18 0001
USDA NAL CURRENT SERIAL RECORD
BELTSVILLE MD 20012